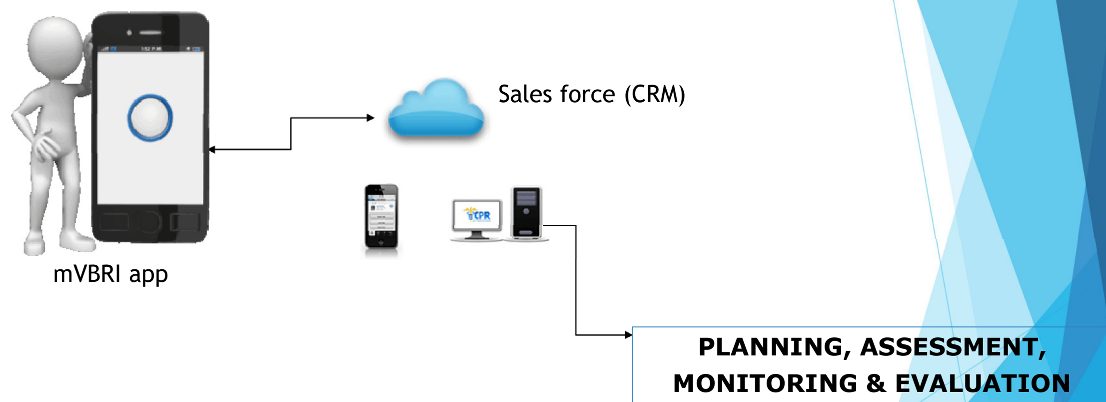
mVBRI

A **m**obile **V**illage **B**ased **R**ehabilitation **I**nitiative

by Amar Seva Sangam, Ayikudy (www.amarseva.org)

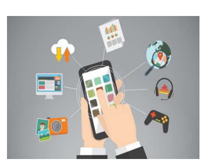


EI ON TABLET

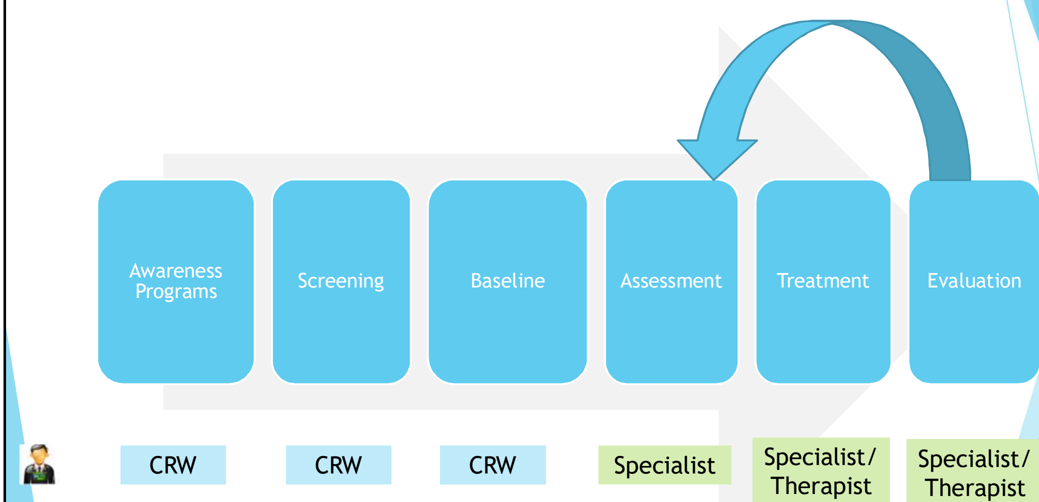
EARLY INTERVENTION AT HOME

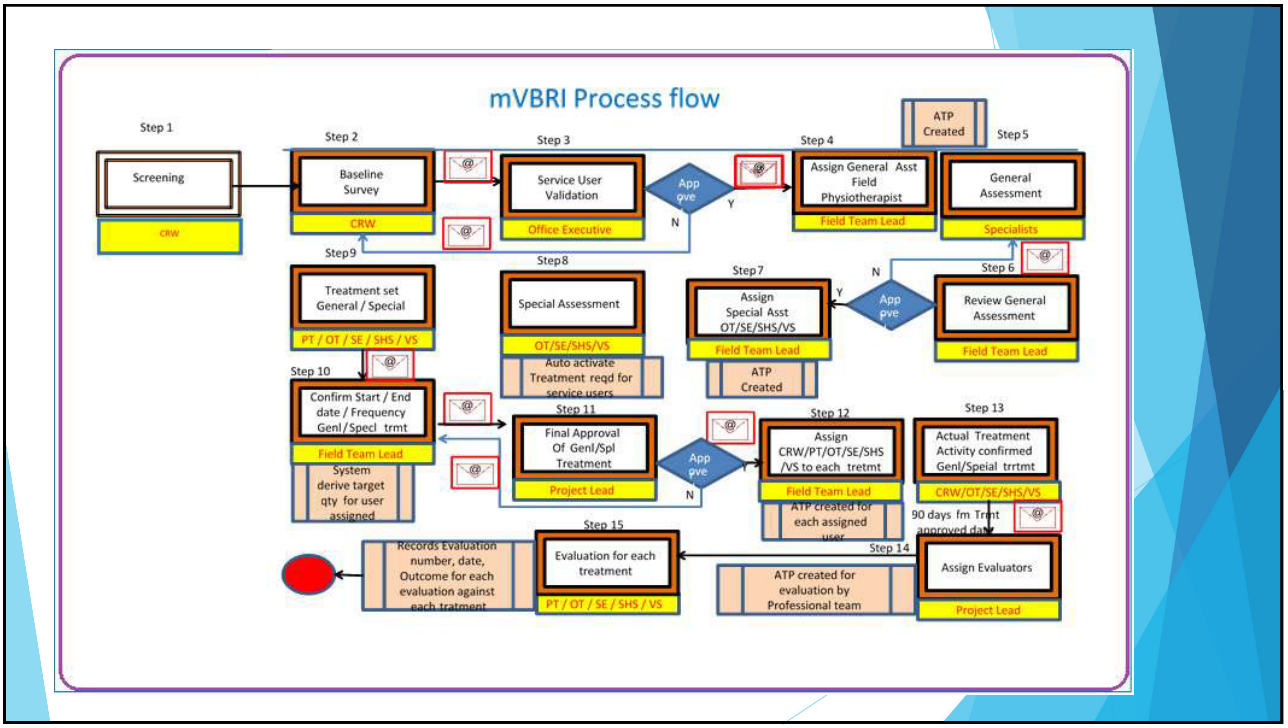
Overview of mVBRI?

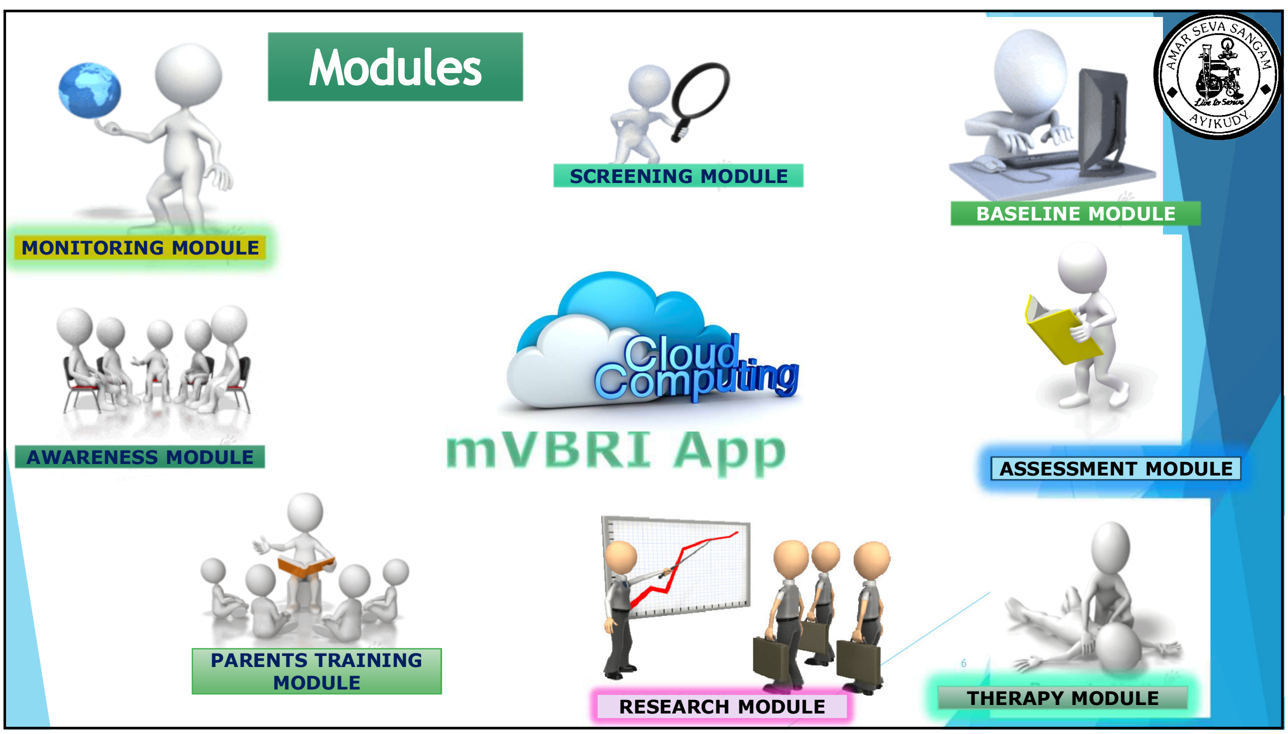
- A mobile/cloud based Application – mVBRI developed and deployed to facilitate communication with rehabilitation Specialists (Physio therapist, Occupational therapist, Special educators and Speech therapists) located remotely so that EI therapy could be provided at home and remote centers
- Provides the following features
  - Provides a system interface at every step - ***From screening to evaluation***
  - Allows therapists to record their assessment and treatment plan
  - Facilitates field workers to schedule and manage their daily routine
  - Provides Field leaders a view of the work carried in the field
  - Powerful dashboards to help manage the program
  - Analytics to the management team and medical community



mVBRI - Process Flow




mVBRI Process flow
Step 1
Screening
CRW
Step 2
Baseline Survey
CRW
Step 3
Service User Validation
Office Executive
App ove
Y
N
Step 4
Assign General Asst Field Physiotherapist
Field Team Lead
ATP Created
Step 5
General Assessment
Specialists
Step 6
Review General Assessment
Field Team Lead
Step 7
Assign Special Asst OT/SE/SHS/VS
Field Team Lead
ATP Created
Step8
Special Assessment
OT/SE/SHS/VS
Auto activate Treatment reqd for service users
Step9
Treatment set General / Special
PT / OT / SE / SHS / VS
Step 10
Confirm Start / End date / Frequency Genl / Specl trmt
Field Team Lead
System derive target qty for user assigned
Step 11
Final Approval Of Genl/Spl Treatment
Project Lead
Step 12
Assign CRW/PT/OT/SE/SHS /VS to each tretmt
Field Team Lead
ATP created for each assigned user
Step 13
Actual Treatment Activity confirmed Genl/Speial trrtmt
CRW/OT/SE/SHS/VS
90 days fm Trmt approved date
Step 14
Assign Evaluators
Project Lead
ATP created for evaluation by Professional team
Step 15
Evaluation for each treatment
PT / OT / SE / SHS / VS
Records Evaluation number, date, Outcome for each evaluation against each tratment


Modules
MONITORING MODULE
SCREENING MODULE
BASELINE MODULE
AMAR SEVA SANGAM
AYIKUDY
Live to Serve
AWARENESS MODULE
Cloud Computing
mVBRI App
ASSESSMENT MODULE
PARENTS TRAINING MODULE
RESEARCH MODULE
THERAPY MODULE

1. Screening module

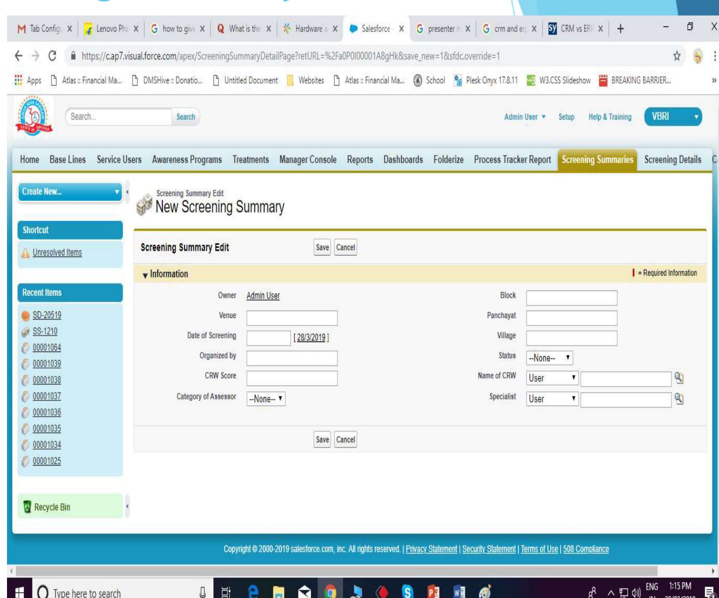
A Process called Pre-screening of children before baselining has been introduced to help improve the efficiency of the enlisting process. This is planned by the VBRI team and is conducted at different villages at Anganwadi centres.

Input	**Enquiring parents regarding child development and collecting basic data about the child and entering the details into software**
Process	A CRW after screening will have, one of the three results to record 1) Negative 2) Positive and 3) High Risk
Role Performed by	CRW (Community Rehabilitation Worker), Specialist
Workflow	Specialists will pick up some random cases and will do a parallel assessment and record the results. If a specialist's assessment not in concurrence with a CRW's assessment, then specialist result will be taken as the final, or then CRW's result will be taken as final.
Output	If the result is 'Positive' then the child record automatically converted into baseline

Screening Summary

How to create Screening summary?

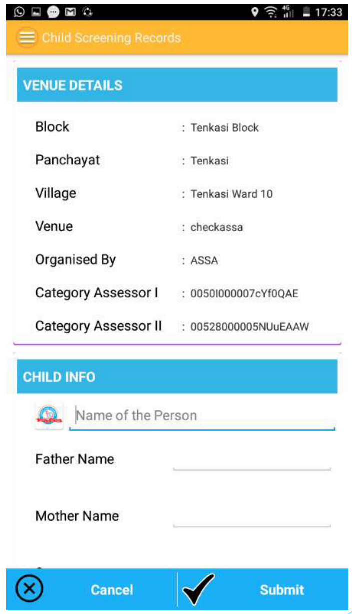
1. Only FTL have authority to create Screening summary
2. Login into "Salesforce.com" with your credentials.
3. Click on "Screening Summary" menu. And then click "New" button.
4. Fill all the fields like venue, date, block, Name of CRW & Specialist etc., and then click "Save".
5. Once the CRW and specialist are sync their tab the Screening venue will be listed in their tab.

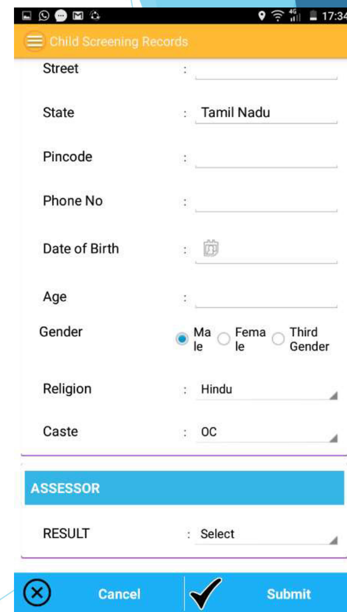


Screening in mVBRI

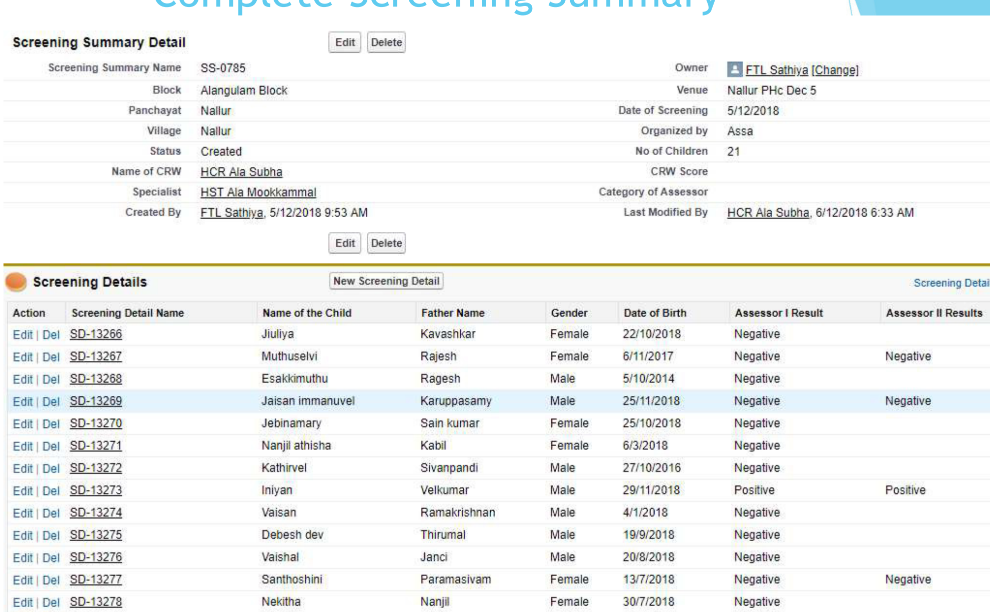
How to create Screening record in mVBRI app?

1. Open “mVBRI” app.
2. Click on “Child Screening Records” menu.
3. Select Screening “Venue” and then click “Ok”
4. To enter screening record click on “Add” button, it displays following screen.
5. Fill all the fields and then click “Submit”
6. Once the CRW and specialist are sync their tab the Screening data will be synced into salesforce under concern screening summary (see sample screenshot)





Complete Screening Summary



Screening Summary Detail Edit Delete

Screening Summary Name	SS-0785	Owner	FTL Sathiya [Change]
Block	Alangulam Block	Venue	Nallur PHc Dec 5
Panchayat	Nallur	Date of Screening	5/12/2018
Village	Nallur	Organized by	Assa
Status	Created	No of Children	21
Name of CRW	HCR Ala Subha	CRW Score	
Specialist	HST Ala Mookkammal	Category of Assessor	
Created By	FTL Sathiya, 5/12/2018 9:53 AM	Last Modified By	HCR Ala Subha, 6/12/2018 6:33 AM

Edit Delete

Screening Details New Screening Detail Screening Details

Action	Screening Detail Name	Name of the Child	Father Name	Gender	Date of Birth	Assessor I Result	Assessor II Results
Edit | Del	SD-13266	Jiuliya	Kavashkar	Female	22/10/2018	Negative	
Edit | Del	SD-13267	Muthuselvi	Rajesh	Female	6/11/2017	Negative	Negative
Edit | Del	SD-13268	Esakkimuthu	Ragesh	Male	5/10/2014	Negative	
Edit | Del	SD-13269	Jaisan immanuvel	Karuppasamy	Male	25/11/2018	Negative	Negative
Edit | Del	SD-13270	Jebinamary	Sain kumar	Female	25/10/2018	Negative	
Edit | Del	SD-13271	Nanjil athisha	Kabil	Female	6/3/2018	Negative	
Edit | Del	SD-13272	Kathirvel	Sivanpandi	Male	27/10/2016	Negative	
Edit | Del	SD-13273	Iniyan	Velkumar	Male	29/11/2018	Positive	Positive
Edit | Del	SD-13274	Vaisan	Ramakrishnan	Male	4/1/2018	Negative	
Edit | Del	SD-13275	Debesh dev	Thirumal	Male	19/9/2018	Negative	
Edit | Del	SD-13276	Vaishal	Janci	Male	20/8/2018	Negative	
Edit | Del	SD-13277	Santhoshini	Paramasivam	Female	13/7/2018	Negative	Negative
Edit | Del	SD-13278	Nekitha	Nanjil	Female	30/7/2018	Negative	

2.Baseline

Input	**Based on identification of Early intervention children carried out by field team of VBRI, child is selected for the EI project**
Process	Fill in Baseline Survey form in the application. Mandatory field for Validator to be selected
Control	-
Role Performed by	CRW (Community Rehabilitation Worker)
Workflow	Email to selected Validator for review
Output	System Creates a Service User record on saving of Baseline survey
System Status	New field: Status updated as "Service User Created"

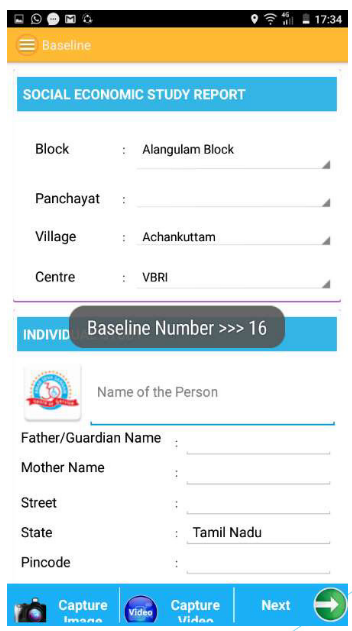
3. Service user

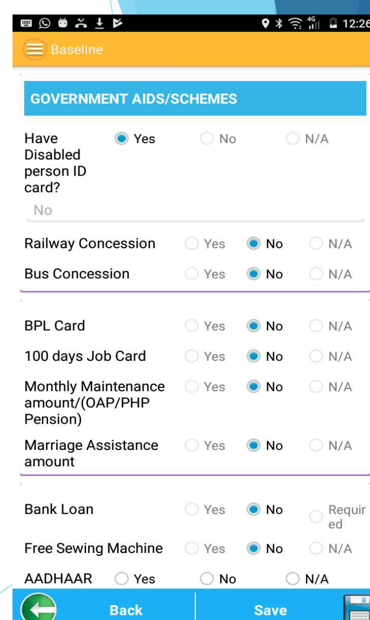
Input	**System created Service User record available for review** **Email received by Validator to review baseline**
Process	Assigned Validator review Service user created through baseline and Approve/Reject with remarks. Approve/Reject button triggers next steps
Control	Escalation mail to FTL if validation not done in 24 hours from date of Service user creation
Role Performed by	Office Assistant
Workflow	If approved, mail goes to Field Team Lead for assigning specialists for assessments If rejected, mail goes to CRW to revise Baseline update
Output	System saves approved Service user
System Status	New field: Status updated as "Service User Approved"

Baseline Entry

How to create Baseline in mVBRI app?

1. Open "mVBRI" app.
2. Click on "Baseline" menu.
3. To create a new baseline click on "Add" button, it displays following screen. (Only CRW have right to create new baseline).
4. Fill all the fields including child image and then click "save"
5. Once the baseline is saved, it will shown in the list in "White in color", select the newly created data from the list and then click "Submit".
6. In Back end, system Creates a Service User record on saving of Baseline survey.
7. Finally goto "Setup control" menu and select both "Data Sync" and "Image Sync" to sync the record into Salesforce.

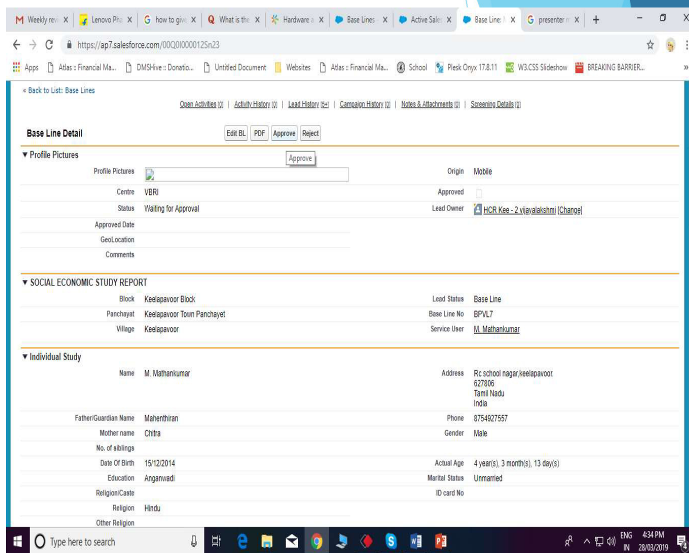




Baseline Approval

How to approve a Baseline in Salesforce?

1. Once the data get synced into “Salesforce” validator receives an email to approve the baseline.
2. Login into “Salesforce.com” with validator credentials.
3. Click on “Baseline” menu.
4. Select “Assistant level baseline” option from the drop down list. It will listed out all the baseline records with status “Waiting for Approval”, select the child from the list.
5. Verify all data and if everything ok click on “Approve” button or click on “Reject” button.
6. Once the validator approves the baseline the service user status get changed into “Approved” and the FTL will receive an Email to assign the General assessment.



4. Assign Specialists for General Assessment

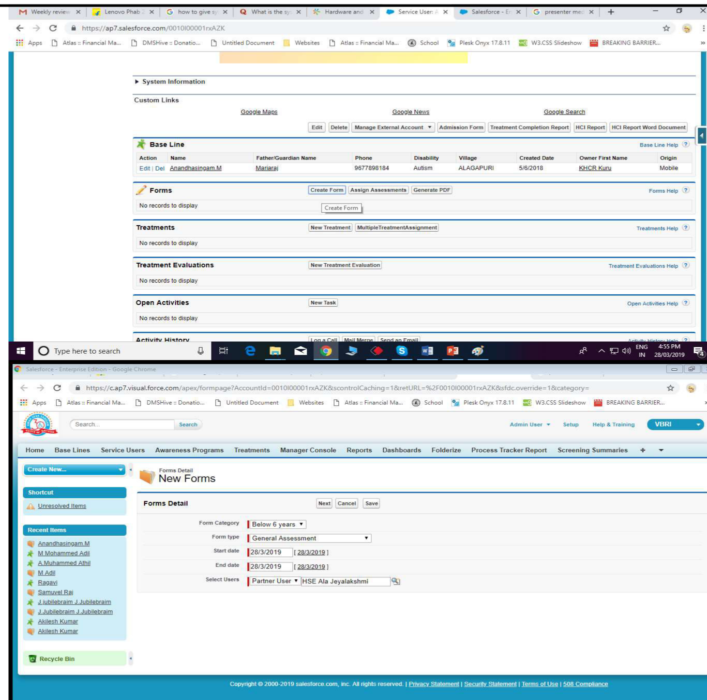
Input	**Approval of Service user by Office Assistant** **Mail from Office Assistant**
Process	FTL assign a General Assessment Specialist for the service user. General Assessment Specialist selected in service user screen
Control	Escalation mail to Project Lead if no Specialist assigned for General Assessment in 24 hours from date of Service user approval
Role Performed by	Field Team Lead (FTL)
Workflow	-
Output	ATP activity created for Specialist to carry out General Assessment
System Status	New field: Status updated as “Assigned for GA”

5. General Assessment

Input	**Assignment of GA specialist by FTL** **ATP activity created**
Process	Specialist carryout General assessment in system
Control	Auto activate Treatment required checkbox in Service User. Escalation mail to FTL if General Assessment not done in 24 hours from date of assignment of Specialist
Role Performed by	General Assessment Specialist
Workflow	Mail to FTL to review general assessment
Output	System saves assessment against service user
System Status	New field: Status updated as “GA created”

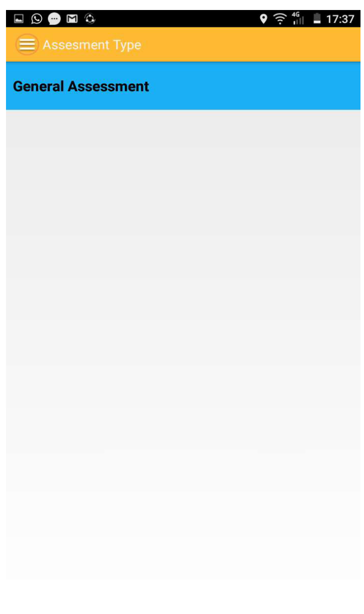
How to assign GA in Salesforce?

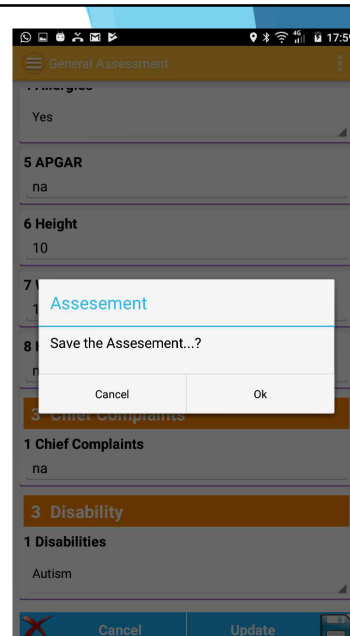
1. Login into “Salesforce.com” with your credentials.
2. Click on the link which you have received through mail it will taken you to the Service user record. Or search the service user record by giving his/her name in search box.
3. Once the service user record gets opened, click on “Create form” button.
4. Fill all mandatory fields and select “General assessment” in form type.
5. Select “Partner user” option in user combo box.
6. Select an specialist name using lookup option. Enter Start & End date.
7. Finally click on “Save” button.
8. Once the GA will assigned the service user status get changed into “GA Assigned” and an ATP created for the specialist.
9. Finally Specialist will receive an Email intimation to do the GA.



How to do GA in mVBRI?

1. Open “mVBRI” app.
2. Click on “Assessment ATP” menu.
3. Select start & end date and then click on “Show” button. Assessment ATP will list out with Service user name.
4. Select the ATP and then click on “Create Activity” option. Once the activity is created, open the activity and click on “Check In” button.
5. Now click on “Track Service user” button in the home screen and select the service user record from the list.
6. Once the service user record get opened, click on “View Assessment” button.
7. Click on “General Assessment” and then select “Edit” option.
8. Fill all data and click on “Update” button.
9. Once the GA gets saved, click on “General Assessment” and then select “Submit” option. Now open the activity and click on “Check out” button
10. Finally goto “Setup control” menu and select both “Data Sync” and “Image Sync” to sync the record into Salesforce.





6. Review General Assessment

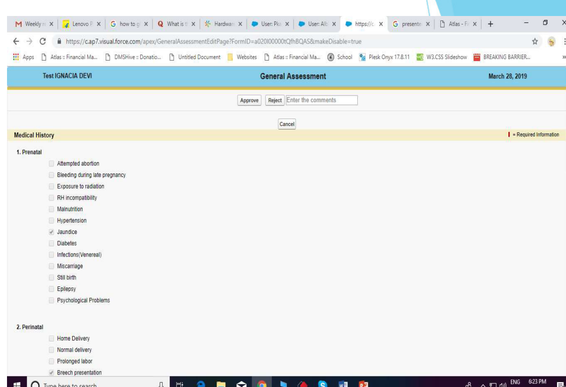
Input	General Assessment carried out by Specialist in system
Process	FTL Approve General Assessment and check if there is a need to do further Special assessment by Therapists. If yes, process step 6. If no, process step 8.
Control	Escalation mail to Project Lead if GA not reviewed in 24 hours from GA assessment
Role Performed by	FTL
Workflow	-
Output	System update status of Service user
System Status	New field: Status updated as “GA reviewed”

7. Assign Specialists for Special Assessment

Input	General assessment review by FTL
Process	Assign Specialist for assessments, viz, Occupational therapy, Speech & Hearing, Vision, Special Education , etc. in Assessment screen
Control	If person assigned for multiple special treatment is same person, one ATP activity created
Role Performed by	FTL
Workflow	Mail to assigned to Specialist / CRW in ATP to carryout Special treatment
Output	Multiple ATP activity Created for each Person assigned for Special treatment.
System Status	New field: Status updated as “Assigned Specialist for assessment”

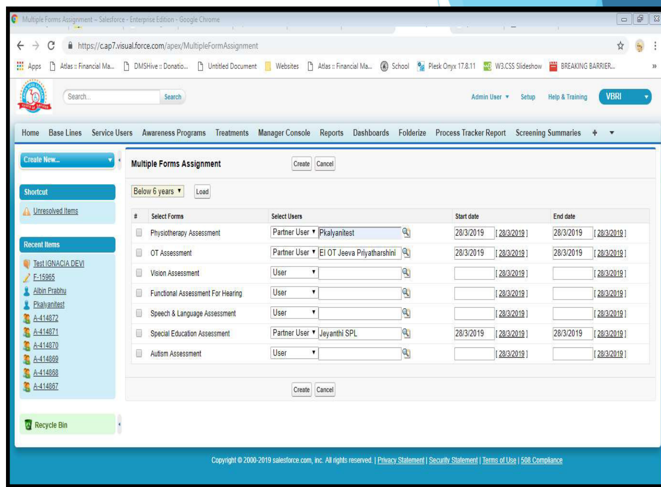
How to Review GA in Salesforce?

1. Once the GA will submitted by specialist, FTL will receive an Email and the service user status get changed into “GA Submitted”
2. Login into “Salesforce.com” with FTL login credentials.
3. Open the service user record.
4. Click on “Form name” in the service user record.
5. Once the form gets opened, click on “Review” button.
6. Verify all data and then click on “Approve” button.
7. Now the status get changed into “GA Reviewed”.



How to assign special assessment in Salesforce?

1. Open the service user record.
2. Once the service user record gets opened, click on “Assign Assessments” button.
3. Select the category in the drop down list and then click on “Load” button.
4. Select the relevant forms.
5. Select “Partner user” option in user combo box.
6. Select an specialist name using lookup option. Enter Start & End date.
7. Finally click on “Create” button.
8. Once the special assessment will assigned the service user status get changed into “Assigned for Special Assessments” and an ATP created for the specialist.
9. Finally Specialists will also receive an Email intimation to do the Special assessment.



8. Special Assessment

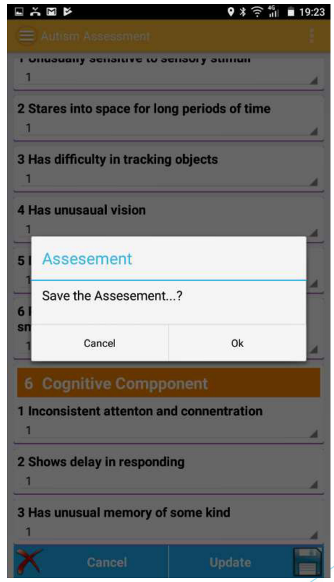
Input	**Assignment of Special Assessment specialist by FTL** **ATP activity created**
Process	Specialist carryout Special assessments in system for Occupational Therapy, Special Education, Hearing & Speech and Vision, etc.
Control	Auto activate Treatment required check boxes in Service User. Escalation mail to FTL if Spl assessment not done in 24 hours from Specialist assignment
Role Performed by	Occupational Therapist / Special Educators / Hearing & Speech Therapists / Vision Therapists
Workflow	-
Output	System saves multiple Special assessments against service user
System Status	New field: Status updated as “SA created”

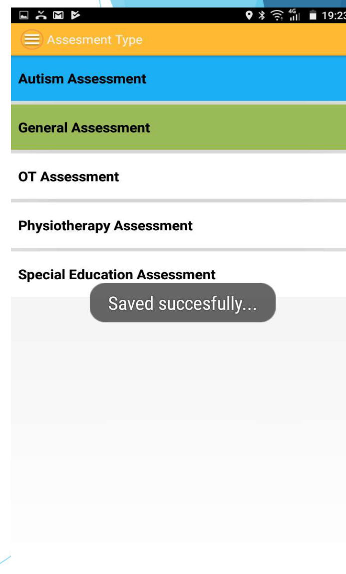
9. Set Treatment General / Special

Input	**Assessments created for General and Special**
Process	Treatment required with Goals set General and Special assessments
Control	Escalation mail to FTL if treatments are not set up within 24 hours of Assessment creation
Role Performed by	Physiotherapists / Occupational Therapists / Special Educators / Vision Specialist / Voice & Hearing specialist
Workflow	Email to Field Test Lead to set start/end date, frequency of treatment
Output	Treatment Created in system for General / Special assessments
System Status	New field: Status updated as “Treatment Created”

How to do Special Assessment in mVBRI?

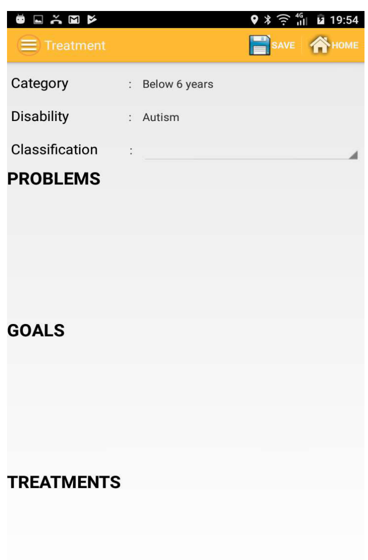
1. Open “mVBRI” app.
2. Click on “Assessment ATP” menu.
3. Select start & end date and then click on “Show” button. Assessment ATP will list out with Service user name.
4. Select the ATP and then click on “Create Activity” option. Once the activity is created, open the activity and click on “Check In” button.
5. Now click on “Track Service user” button in the home screen and select the service user record from the list.
6. Once the service user record get opened, click on “View Assessment” button.
7. Click on “Concern Assessment” and then select “Edit” option.
8. Fill all data and click on “Update” button.
9. Once the Assessment gets saved, click on “concern Assessment” and then select “Submit” option. Now open the activity and click on “Check out” button
10. Finally goto “Setup control” menu and select both “Data Sync” and “Image Sync” to sync the record into Salesforce.

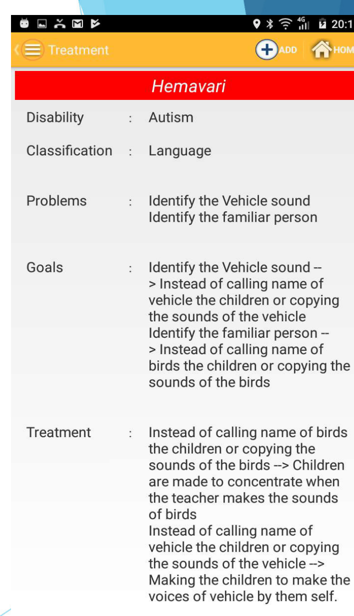




How to create treatment in mVBRI?

1. Open “mVBRI” app.
2. Click on “Track Service user” button in the home screen and select the service user record from the list.
3. Once the service user record get opened, click on “Treatment” button.
4. Click on “Add”
5. Select Classification type from the drop down list.
6. And fix the Problems, Goals and Treatments and then click on “Save” button.
7. Finally goto “Setup control” menu and select both “Data Sync” and “Image Sync” to sync the record into Salesforce.





10. Confirm Treatment Plan

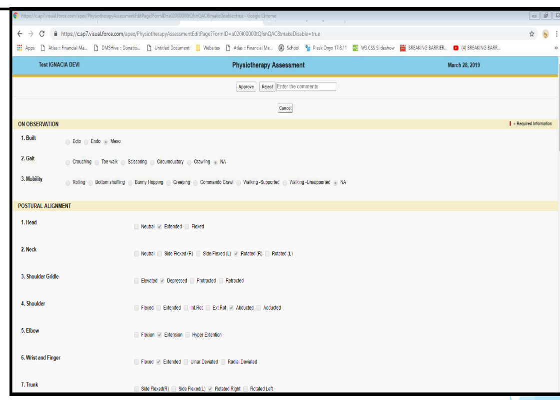
Input	**Treatment Plan creation against Service user**
Process	FTL set for each treatment start date, end date and time frequency of treatment
Control	System calculate Target Qty volume of activities for treatment based on Start date/end date/time frequency set. Escalation mail to Project Lead if Treatment Plan not created by FTL within 24 hours of Treatment creation by Specialists
Role Performed by	FTL
Workflow	Request mail to Project Lead for final approval of treatment set
Output	System stores treatment plan in system
System Status	New field: Status updated as “Confirm Treatment plan”

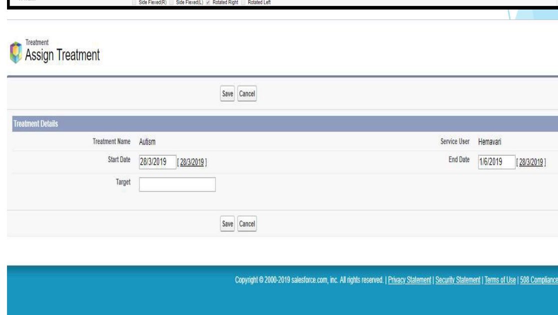
11. Final approval of Treatment

Input	**Treatment plan set up by FTL**
Process	Review and approve / reject treatments in systems
Control	For unapproved treatment plan, mail goes to FTL to resubmit treatment plan
Role Performed by	Project Lead
Workflow	For approved treatment plan, mail sent to FTL to assign resources for treatment
Output	System updates Treatment plan approval / rejection
System Status	New field: Status updated as “Treatment Plan Approved”

How to Review Special Assessment and confirm treatment plan in Salesforce?

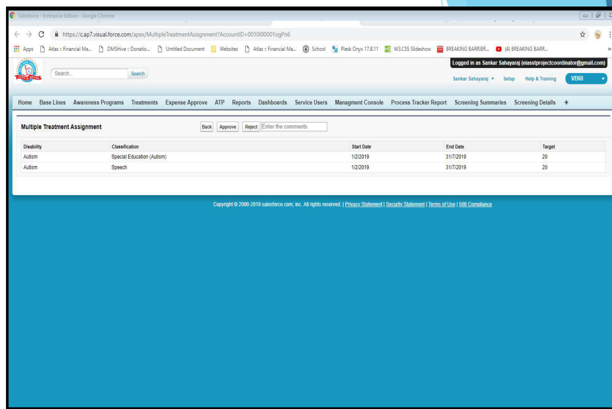
1. Once the Special assessment and treatment will submitted by specialist, FTL will receive an Email and the service user status get changed into “Treatment created”
2. FTL have to open the service user record in Salesforce.
3. Click on “Form name” in the service user record.
4. Once the form gets opened, click on “Review” button.
5. Verify all data and then click on “Approve” button.
6. Now click on treatment form once it get opened verify treatment plan and then click on “Assign Treatment” button.
7. Set Start & End date and click on “Save”.
8. Service user status get changed into “Waiting for Treatment Plan Approval”.





How to approve treatment plan in Salesforce?

1. Once the FTL confirm the treatment plan, Request mail send to Project Lead for final approval of treatment set
2. Project lead have to open the service user record in Salesforce.
3. Verify all the data and then click on “Multiple Treatment Assignment” under treatments part.
4. Once the treatment plan get opened and the plan is ok then click on “Approve” button with comments or click on “reject”.
5. Once the treatment plan get approved the Service user status get changed into “Treatment Plan Approved”. And a mail sent to FTL to assign the therapist to do the treatment.



12. Assign resources to treatment

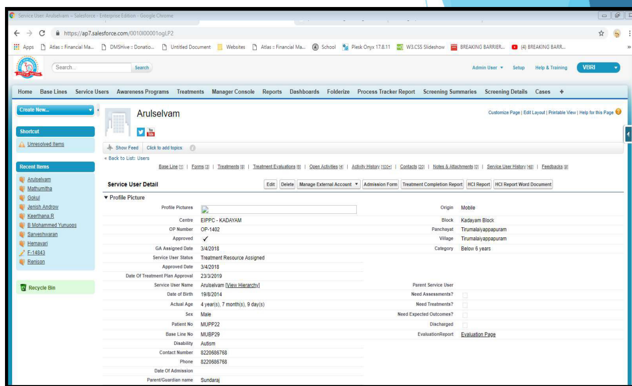
Input	Approval of Treatment plan by Project Lead
Process	Assign CRW / Specialists to each Treatment plan in system
Control	Escalation mail to Project Lead if resources are not assigned to treatment within 24 hours of approval of treatment plan by Project Lead.
Role Performed by	FTL
Workflow	Email to CRW / Specialists to carryout treatment as per ATP
Output	System create ATP activity for each resource assigned. If multiple treatments are to be performed by the same resource, one ATP activity created, otherwise multiple Activities created in ATP.
System Status	New field: Status updated as “Treatment resource assigned”

13. Actual treatment

Input	ATP created based on Treatment plan assignment
Process	CRW / each Specialists update actual activity performed in the system
Control	Escalation mail to FTL if an activity due is not performed on that date
Role Performed by	CRW / Specialists
Workflow	Mail to Project Lead for services dues for evaluation from 90 days based on Treatment approved date by Project Lead listing treatment plan / actual treatment activities.
Output	Actual Count o activities performed against a treatment stored in system on cumulative basis
System Status	New field: Status updated as “Actual treatment completed”

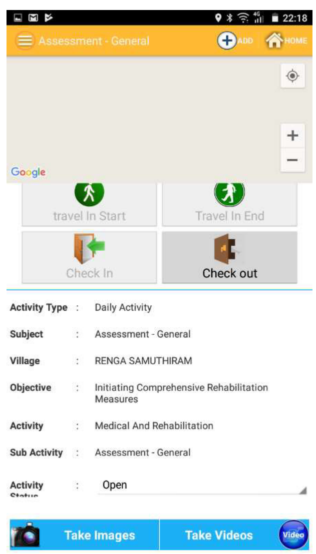
How to assign resources to the treatment in Salesforce?

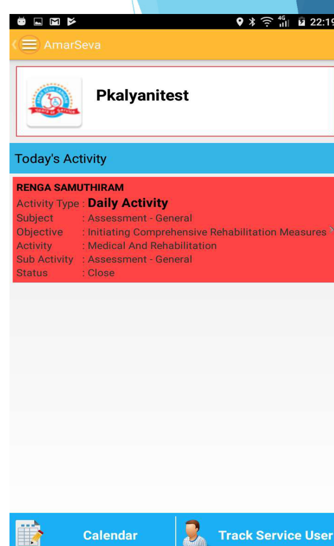
1. Once the treatment plan get approved FTL have to open the service user record in Salesforce and assign therapist/CRW for the treatment by clicking on “Assign Treatment” button.
2. Select “Partner user” option in user combo box.
3. Select an specialist name using lookup option.
4. Finally click on “Save” button.
5. Once the treatment resource will assigned the service user status get changed into “Treatment Resource Assigned” and an ATP created for the specialist.
6. Finally Specialists will receives an Email intimation to do the treatment.



How to do the treatment in mVBRI?

1. Open “mVBRI” app.
2. Click on “Treatment ATP” menu.
3. Select start & end date and then click on “Show” button. Treatment ATP will list out with Service user name.
4. Select the ATP and then click on “Create Activity” option. Once the activity is created, open the activity and click on “Check In” button.
5. Once the treatment gets completed, then click on “Check out” button in the activity and close it.
6. Finally goto “Setup control” menu and select both “Data Sync” and “Image Sync” to sync the record into Salesforce.
7. Once the activity count reaches the treatment target the service user status get changed into “Actual Treatment Completed”





14. Assign Evaluation resource

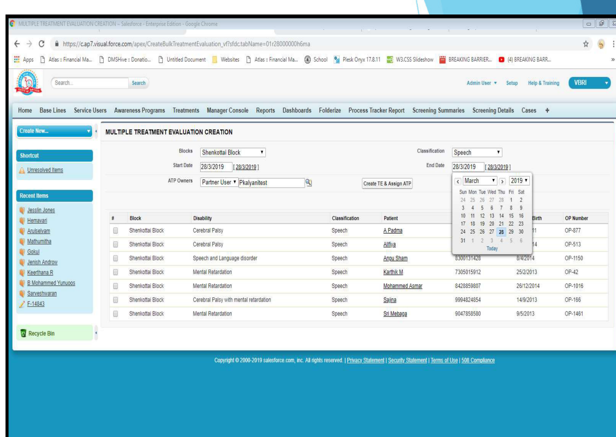
Input	**Mail from system for evaluation due for 90 days from date of approval of treatment plan**
Process	Assign Professional team as evaluators against each treatment
Control	-
Role Performed by	Project Lead
Workflow	Mail to Professional teams to carry out evaluation of a service user
Output	ATP created for evaluation activity to be performed by Project specialists
System Status	New field: Status updated as “Evaluation resource assigned”

15. Carryout evaluation

Input	**Assignment of evaluation by Project Lead**
Process	Evaluation for each treatment classification against a goal by Project specialists
Control	Only after all evaluation against all treatment classification are complete, to change status to “evaluation complete”. Otherwise to set status to “evaluation in progress”.
Role Performed by	Professional Team (Physiotherapists / Occupational therapists / Special educators / Hearing & Speech therapists / Vision specialists
Workflow	Mail to Project Lead and FTL on completion of each evaluation
Output	System create evaluation number, date of evaluation, goals achieved.
System Status	New field: Status updated as “evaluation complete”

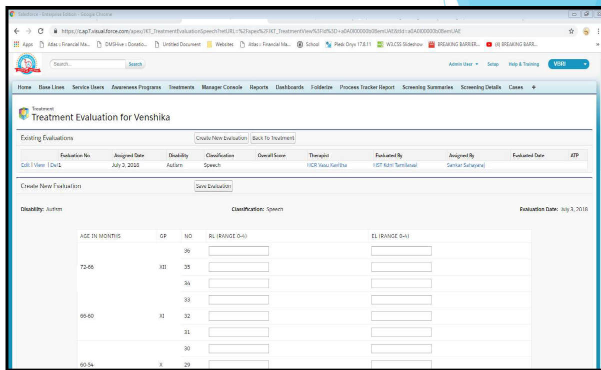
How to assign resources to Evaluation in Salesforce?

1. Once the treatment get completed Project lead receive an Email to assign the resource for Evaluation.
2. Login into “Salesforce.com” with Project lead credentials.
3. Click on “Treatment Evaluation Assignment” menu.
4. Select “Block” and “Classification from the drop down list.
5. List of data will appear related to above selection.
6. Select the service user from the list and assign the therapist and select start & End date.
7. And then click on “Create TE & Assign ATP” button.
8. Finally Specialists will receives an Email intimation to do the evaluation, and service user status get changed into “Under Evaluation”



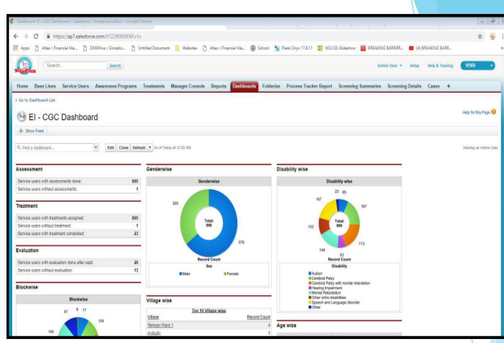
How to do Evaluation in Salesforce?

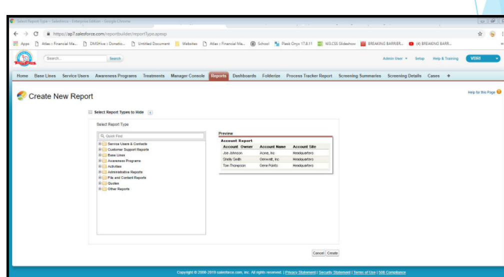
1. Login into “Force.com” with specialist credentials.
2. Open the service user record, and click on “disability” link under treatments part.
3. And then click on “Treatment Evaluation” button, then click on edit.
4. Evaluation form will open fill all the scores and click on “Save Evaluation”.
5. Once all the evaluation gets completed to the service user then status get changed into “Evaluation Completed.”



How to view reports and dashboard in Salesforce?

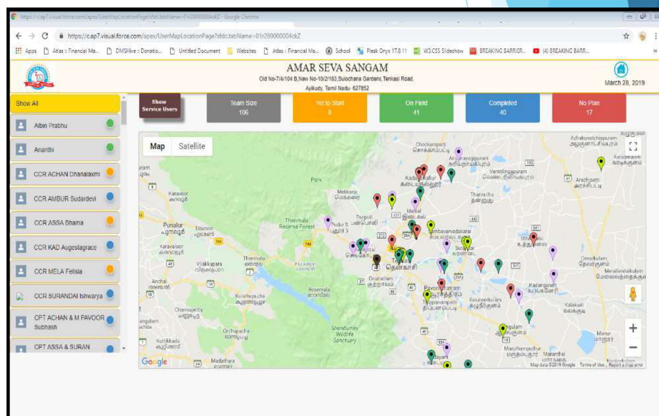
1. Login into “Salesforce.com”.
2. Click on “Reports” menu and then select the required report from the list.
3. To create new report click on “New report” button.
4. Click on “Dashboard” menu and then select the required dashboard from the drop down list.
5. To create new dashboard click on “New dashboard” button.





How to monitor users activity in Salesforce?

1. Login into “Salesforce.com”.
2. Click on “Manager Console” menu, it will show entire team activities with clear map.
3. To see individual user’s activity, select the user from the list, it will show entire today’s activities of the selected user with location.



Thank You