

User Story 1: Get device history and analyze (AM)

- Functionality
Web application
- Wireframes
- Validate customer ID, Customer name, Field person name and Mobile no, JOB ID, Job details, location.
- Database fields
 - Device ID
 - Model no
 - Year of purchase
 - Device name
 - Manufacturer details
 - Device past history

User Story 2: Create 3D models for devices (CMS)

- Functionality
 - User should be able to upload 2D & 3D models.
 - View the Uploaded Images (Unity)
 - *Delete the images.*
 - *Modify the Existing Details.*
 - *Web application & Unity & Mobile*
- Wire-frames

Device ID :

Device Name :

Model :

2D☐

3D☐

Upload Image

Recommend













Yes☐

NO☐

Add

Change

List of Available Diagrams

Device ID	Device Name	Model	View	Delete
1	Abcd	3D		
2	efgh	2D		
3	ijkl	2D		
4	sss	3D		
5	fff	2D		
6	kkk	3D		

Show Image on selection of View button in the list

- Business logic
 - Validate Device ID.
 - Validate Image Type.
 - Confirmation on Delete.

Utility Box 2 3d model



- Database fields
 - Device ID
 - Name
 - Model
 - Path
 - Type(PDF or Video or 2D Image or 3D image)
 - Recommend







As per industry standards we will define the field lengths.

User Story 3: Rendering 3D models of devices (CMS)

- Functionality
 - Display available images based on Recommend & Models.
 - Provide Search functionality.
 - Field person should be in a position to view the Uploaded images.

Web application & Unity & Mobile

- Wireframes

Search			
Device ID	Device Name	Model	View
1	Abcd	3D	
1	efgh	2D	
1	ijkl	2D	
1	sss	3D	
1	fff	2D	
1	kkk	3D	
	Recommend		

When field person clicks on View from the list we should open a new window and display the 2D or 3 D model in that.



- Business logic
- Database fields
 - Device ID
 - Name
 - Model
 - Path
 - Type(PDF or Video or 2D Image or 3D image)
 - Recommend

User Story 4: AI will recommend appropriate videos, links, and manual about the device (CMS)
 AI will recommend appropriate videos, links, and manual about the device (CMS)

- **Functionality**
 - We can give an option to Recommend while upload the Videos & Diagrams.
 - Even Field person also can Recommend.

Web application , Mobile app, Unity

- Wireframes : User Story 14 and 15 will cover this
 - Business logic (Not Required)
 - Database fields (Not Required)
- As per industry standards we will define the field lengths.**

User Story 5: Field person shall take the snap and annotate it and upload before fixing the issue (CMS)

- **Functionality**

Mobile application

Take snap and upload it before fixing the issue.

After fixing issue take snap and annotate workmen's observations and upload it.



- **Wireframes**

After successful log in, Field person is going to see his jobs calendar for that week or month with below screen.

Scheduled calendar of Employee : 12345						
< May 1, 2016 - May 14, 2016 >						
<div> <div> <div>Publish (0)</div> <div>Unpublish (0)</div> <div>More</div> </div> <div>Show disabled users</div> </div>						
<div>Type to filter</div>						
Employee (1 - 11) / 10	Sun 1	Mon 2	Tue 3	Wed 4	Thu 5	Fri 6
No User 0:00 work hrs 0:00 break hrs						
Coleman, Scott 8:4:00 work hrs 4:00 break hrs		JOB 1	JOB 2			
Green, Sally 8:0:00 work hrs 5:00 break hrs						
Hurley, Stan 0:00 work hrs 0:00 break hrs						
Jacob, Christina 8:0:00 work hrs 5:00 break hrs			JOB 3		JOB 4	
Kennedy, Irene 8:0:00 work hrs 5:00 break hrs						
Klein, Jason 8:0:00 work hrs 5:00 break hrs						
Reilly, Anna 0:00 work hrs 0:00 break hrs					JOB 6	
Stall, John 8:0:00 work hrs 5:00 break hrs			JOB 5			
Tango, Jimmy 0:00 work hrs 0:00 break hrs						
Wood, James 8:0:00 work hrs 5:00 break hrs						

Screen 2 : On selection of a specific job he should view the job details.

Given a provision to upload the image before & after fixing the issue.

JOB Details			
Job NO:	Read Only	WR Number :	Read Only
Job Desc :	Read Only	Assigned Date:	Read Only
Location :	Read Only	Closed Date	Editabel
Upload Image Befor fixing the issue:		Upload Image after fixing the issue:	
Remarks :	<div> <div>Create a new Job</div> <div>On Clicking of the above button Job Screen will be opened</div> </div>		
		Update	Reset

- Business logic**
 Field person can add annotate snap with Sticky Note, Text can be highlighted, Freehand, Rotate Clockwise.
- Database fields**
 - JobDetail(Table 1)
 - Job ID(Primary)
 - Job Description
 - Requested Date
 - Scheduled Date
 - Completed Date
 - Image Before Upload
 - Image after upload
 - Comments
 - Status
- Business logic**
 Field person can add annotate snap with Sticky Note, Text can be highlighted, Freehand, Rotate Clockwise.

User Story 6: Field person shall be able to view the video to fix the device

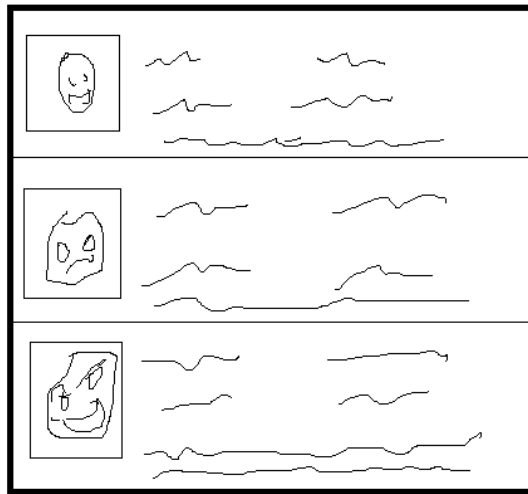
- **Functionality**
Mobile application
The workmen can find the videos in categories based on the present work and open the video and the video need to be rendered in mobile.
- **Wireframes**
- **Business logic**
- **Database fields (Not Required, we can use the table created to store the image paths for this)**

User Story 7: As field person, I shall get auto connected to available SME using phone call / video call / VR Device if I need assistance.

- **Functionality**
Mobile application
The workmen can click on Connect SME, and automatically the available SME will be called over voice call / video call / VR device.
- **Wireframes**
- **Business logic**
- **Database fields**
Employee ID
Job ID
SME ID
Notes

User Story 8: If all SMEs are occupied I shall be given option to choose the SME to connect manually and also I shall have an option to connect for Multipartite SMEs

- **Functionality**
Mobile, VR App
Should list the SMEs in List or grid format.
Should also give option for Skype, Video call or just a phone call.
Should provide conference call depending on mode.
UI/3D model should be user friendly
All the necessary details like, Name, Number and Photo and brief description should be available as display item.
- **Wireframes :** will display parties involved and their names



- Business logic
 - Verify if the SME are available or not based on their calendar
 - Verify if we can conference people required based on mode
 - Manual Dial option for Video/Skype/Phone call depending on mode of availability
- Database fields
 - Employee ID
 - First Name
 - Last Name
 - Email Address
 - Phone Number
 - Status (Available / Busy / etc.,)
 - VR connectivity ID / Skype ID

As per industry standards we will define the field lengths.

User Story 9: As workmen I shall be able to create a new job.

- Functionality
 - Mobile, VR App*
 - Should be able to create new job for associated WO/SO
 - Should capture all details required for JOB and created by, created time.
- Wireframes:

Create Job [X]

Name

Description

Start Date

End Date

Estimated Duration

Status

Priority

Category

[Cancel](#) [Create](#)

- Business logic
 - Validate Name of Job
 - Description should be minimum 50 chars
 - Start Date and End Date Validations
- Database fields
 - Name
 - Description
 - Start Date
 - End Date
 - Estimated Duration
 - Status
 - Priority
 - Category

As per industry standards we will define the field lengths.

User Story 10: Field person will update his time sheet and Comments

- Functionality
 - Web application*
 - Create / Modify below fields except JobId
- Wireframes
- Business logic and
 - Update the status of the job
- Database fields
 - JobId
 - CustomerId
 - Start time
 - End time
 - Status
 - JobDescription
 - Comments