YOKOGAWA

Design Solutions for Yokogawa Project Management Tool

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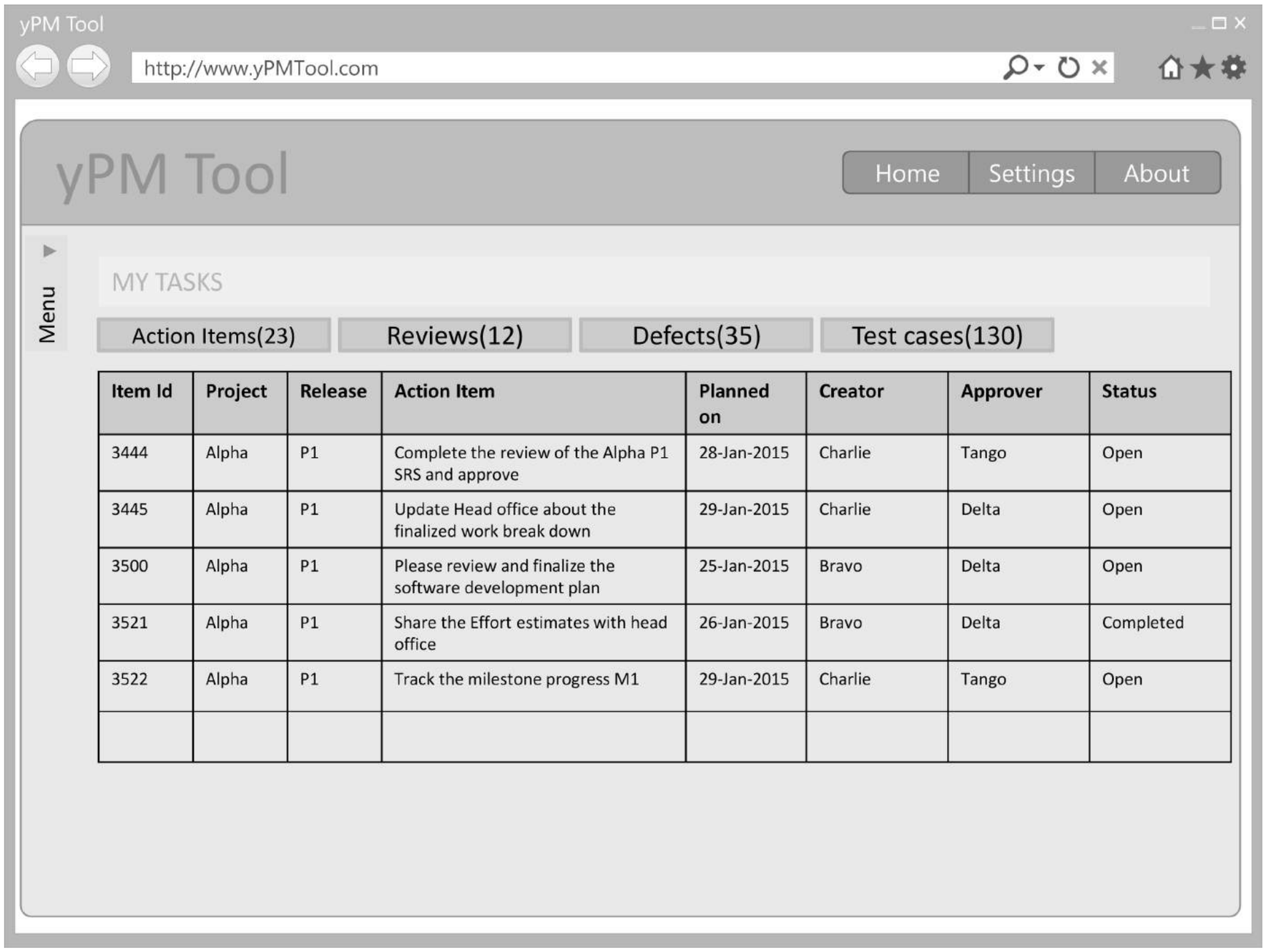
Problem Statement for yPM Tool

Yokogawa India using a project management tool which has provisions for managing tasks of the team & its members. Users (team members) complained that using the tool was very tough and was not easy to use. This was causing the usage of the tool going down & the adoption reduced in new teams. The tool implementation team wanted to refine the tool's UX to increase adoption.

I worked in this project to solve the usabilty problames along with Interaction Design and Visual Design. For this project, I studied the existing tool and came up with design solutions for better User Experience.

Analysis of existing Tool (Yokogawa Project Management Tool, yPM)



Item Id	Project	Release	Action Item	Planned on	Creator	Approver	Status
3444	Alpha	P1	Complete the review of the Alpha P1 SRS and approve	28-Jan-2015	Charlie	Tango	Open
3445	Alpha	P1	Update Head office about the finalized work break down	29-Jan-2015	Charlie	Delta	Open
3500	Alpha	P1	Please review and finalize the software development plan	25-Jan-2015	Bravo	Delta	Open
3521	Alpha	P1	Share the Effort estimates with head office	26-Jan-2015	Bravo	Delta	Completed
3522	Alpha	P1	Track the milestone progress M1	29-Jan-2015	Charlie	Tango	Open

1. Users are confused about data hierarchy.

2. There is no status update options for users.

3. KPIs are need to be highlighted for the main tasks of users.

4. Task status are very important (e.g. completed, in progress or on hold).

5. Minimal design approach is required.

6. Users has no freedom for search by project name or item ID.

7. Users has no option to see or review by Overall status, completed status and open status.

8. User login date & time are missing.

9. Task Name & task ID are missing.

My Design Solutions

Persona Creation

I have created persona based on existing users. This persona helped me to think about real life scenarios of the yPM tool.

Neha

“I need a simple & minimal tool for easy to understand & use for my project updats & status”

Deatails

Gender:	Female
Age:	30 Years
Occupation:	Software Engineer
Status:	Single
Tier:	IT Professional
Location:	Bangalore, Karnataka

ORGANIZED | PRACTICAL

SMART | HARDWORKING

Technology

Internet	
Software	
Mobile Apps	
Social Networks	

Bio

Neha is an IT Professional of a reputed IT company in Bangalore. She is single and stays with her friends in an apartment.

As a software engineer, she needs to update her projects & tasks with her repoting manager. For updating tasks, her organization is using project management tool.

User Goals

- I want to update my projects status in management tools. The existing tool is good but it is little complicated for me. It should be simple & minimal.
- For the status updates, the current tool has no options for is project completed or on hold or in progress. So I think it is very important.

Pain Points

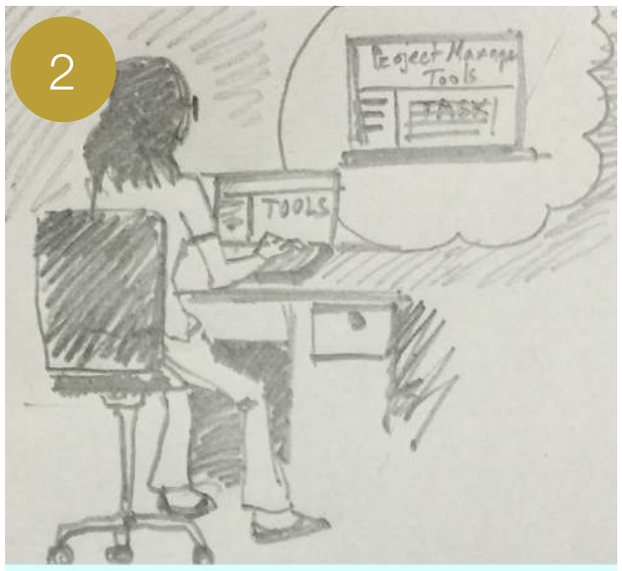
- This existing tool is very confusing for me sometime. Lots of data is there but not easy to get.
- I wonder what would be the easiest and fastest way to review all projects and updates.

Storyboarding

According to persona, scenarios are converted to storyboard which is very helpfull for understand about the user journey of the Yokogawa Project Management Tool.

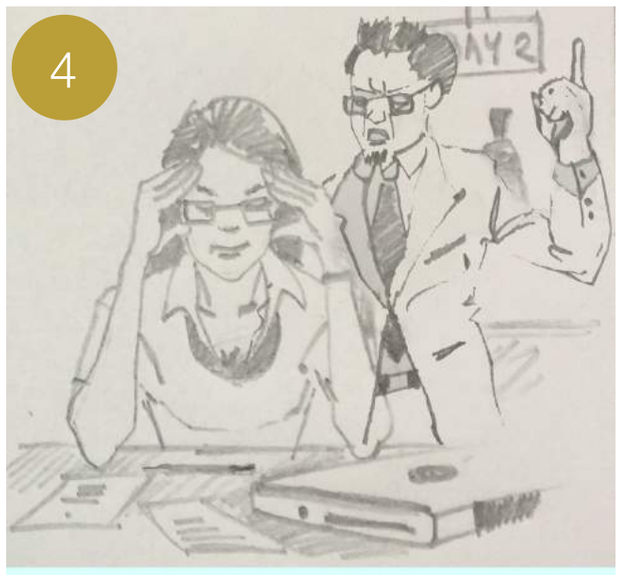
This storyboarding helped me to think about the problems of the existing tool and its solutions.

Neha is a software developer in a reputed organization. She has an application where she can see which project she is doing, what she did or what is the next projects along with timelines.



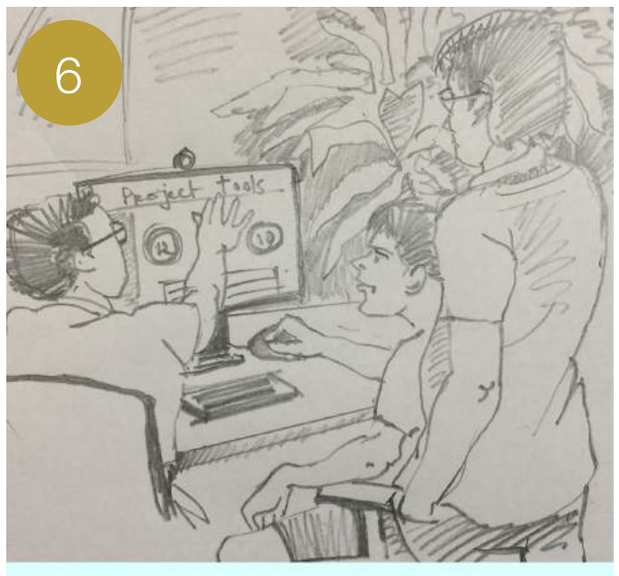
Neha is trying to see the work status in project management tool. But it is very confusing for her to find the review, task and status.

She is not comfortable with this tools. She is thinking about something easy way to use this tool.



Even, project manager also asks to her about tasks and deadlines.

Neha tells to her manager that this tool is very complicated to use. So I am not able to understand all the things.



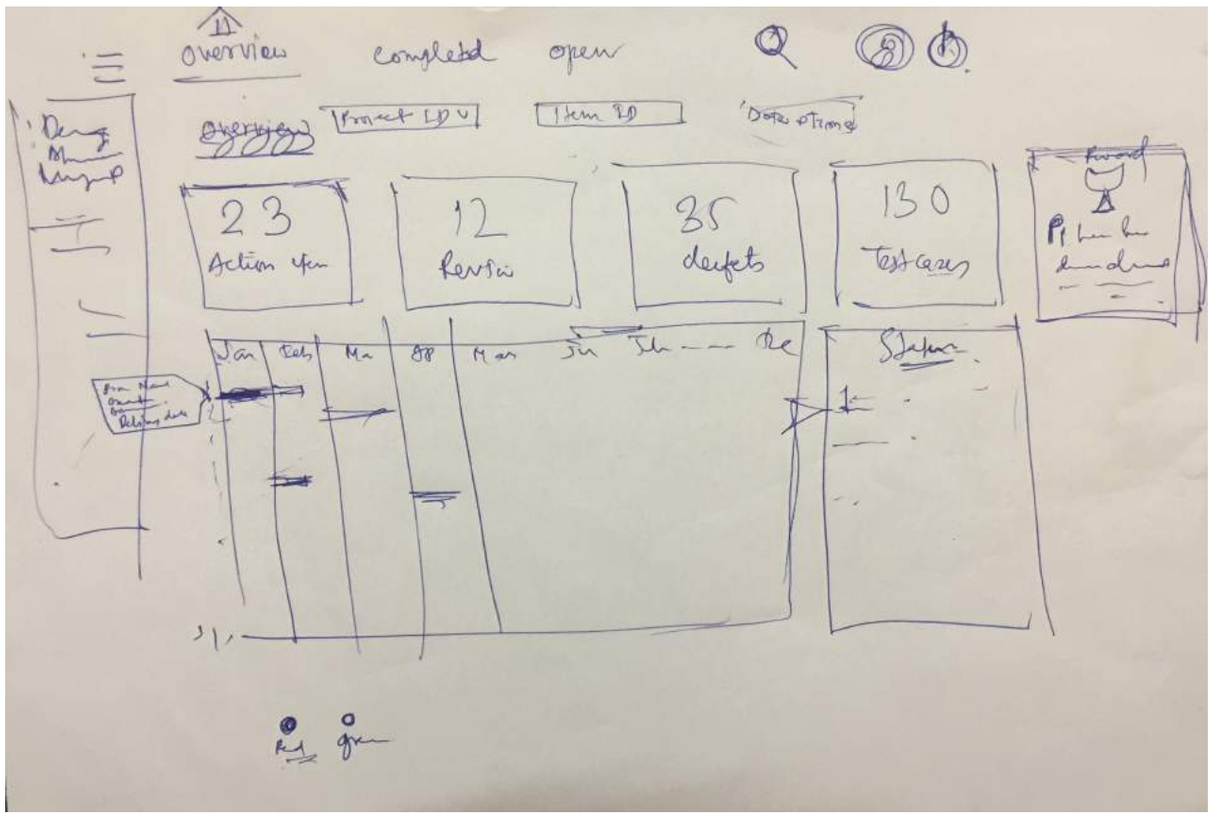
Project manager asks to UX Designer to solve the issues of the tool and after lots of changes done according to point of usabilities and interactions, this tool become more friendly.

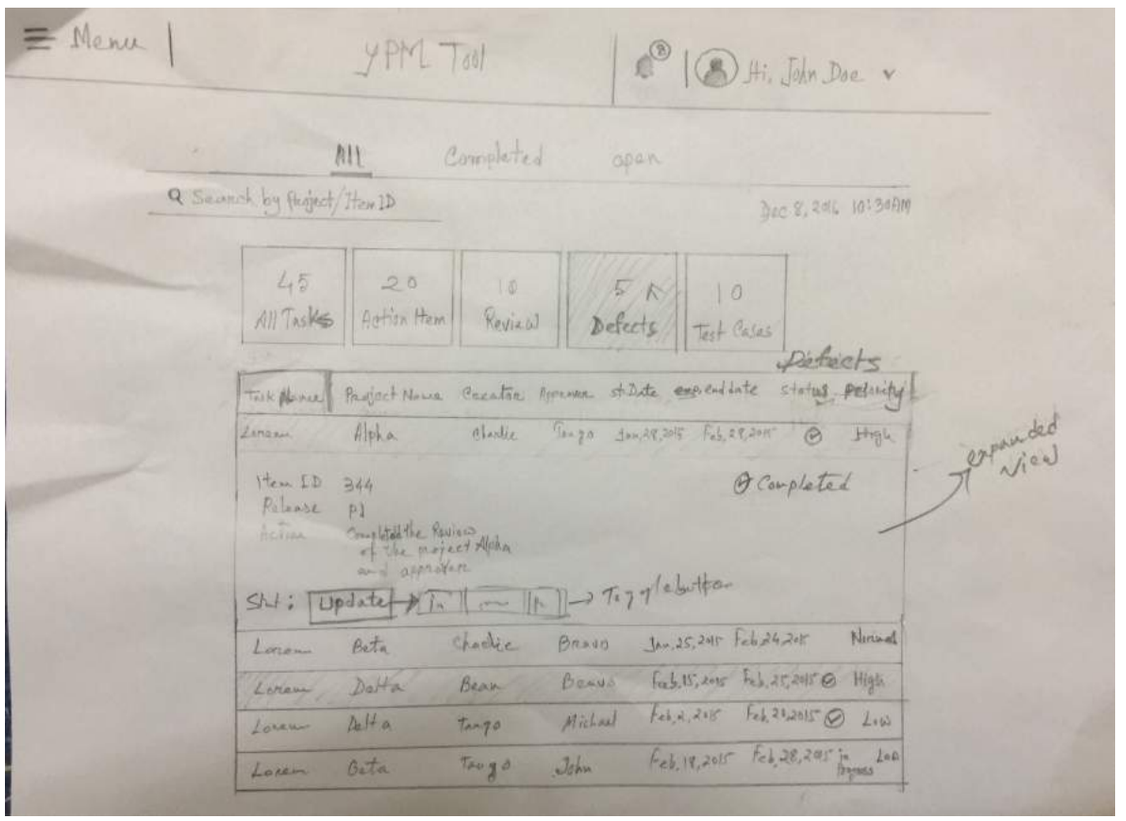
Now, Neha is very friendly with this tool after solving the issues and usability.

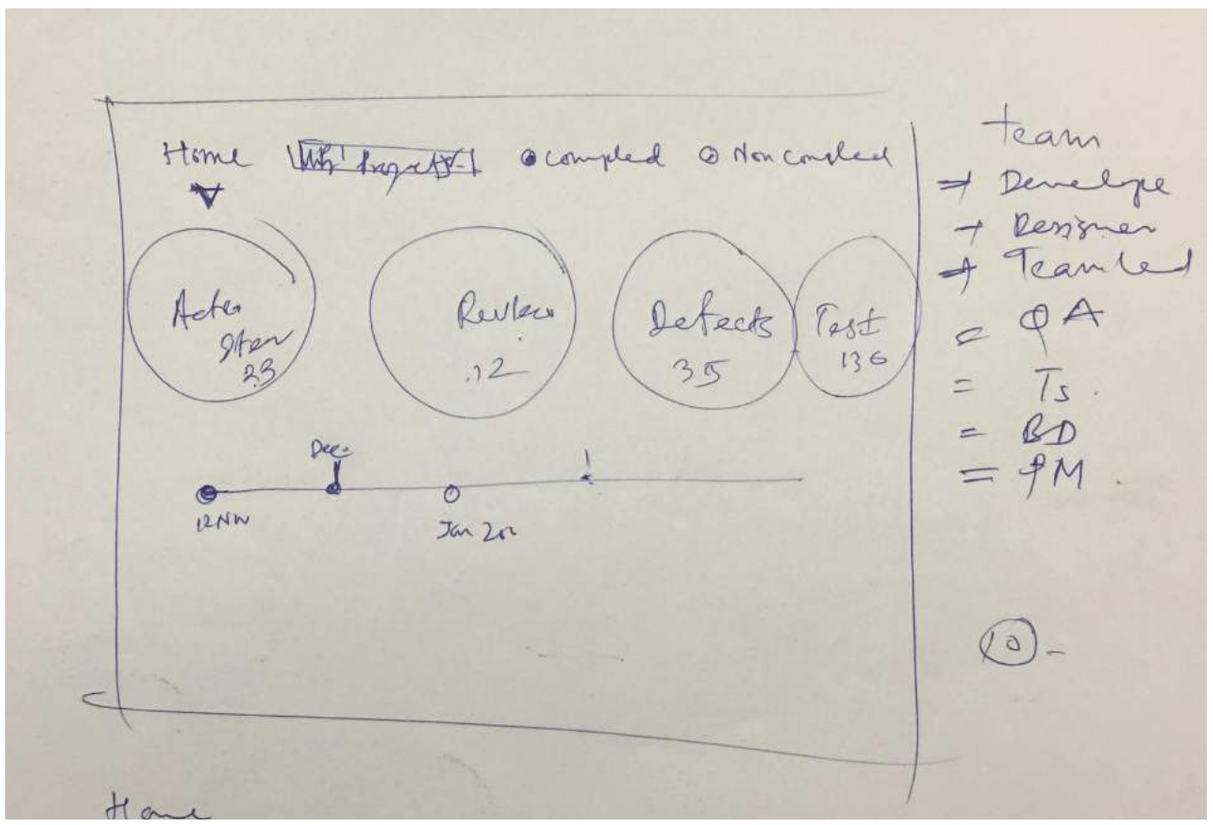
Concept Generations

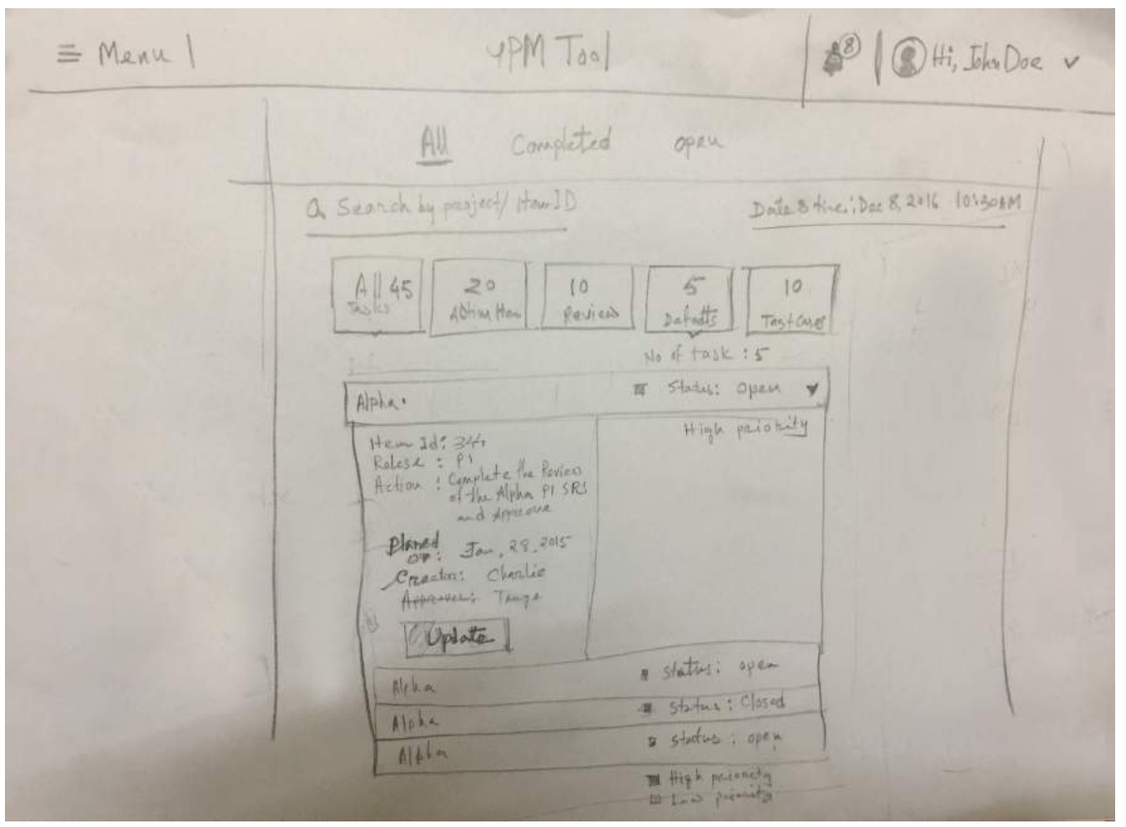
Concept Generations

A lots of brainstorming done for the idea generations. Quick paper sketches helped me to came up with idea about wireframes.









Wireframes

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yPM Tool

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Hi, John Doe

All Completed Open

Search by Project Name/ Item ID

Dec 8, 2016 10:30 AM

15	4	6	3	2
All Tasks	Action Items	Reviews	Defects	Test Cases

Defects

213	**Concord Nova** Bug Fixing of the…	**Don Joseph** *Creator*	**Jan 28, 2016 - Feb 15, 2016**	**High Priority**	**Completed**

Item ID **344**

Realese **Phase 1**

Action **Complete the review of the Alpha P1 SRS and approve**

Approver **John Normand**

Status Completed | In Progress | On Hold

214	**Premier Air** Bug Fixing of the…	**John DL** *Creator*	**Jan 29, 2016 - Feb 18, 2016**	**High Priority**	**Completed**
313	**ProximaSoft** Alignment of the…	**Don Joseph** *Creator*	**Jan 18, 2016 - Jan 25, 2016**	**Low Priority**	**In Progress**

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Reviews

224	**Premier Air** Bug Fixing of the…	**John DL** *Creator*	**Jan 29, 2016 - Feb 18, 2016**	**High Priority**	**Completed**
313	**ProximaSoft** Alignment need to…	**Don Joseph** *Creator*	**Jan 18, 2016 - Jan 25, 2016**	**Low Priority**	**In Progress**
315	**ProximaSoft** Alignment of the…	**Don Joseph** *Creator*	**Jan 18, 2016 - Jan 25, 2016**	**Low Priority**	**Completed**
414	**Premier Air** Alignment is hori…	**John DL** *Creator*	**Jan 25, 2016 - Feb 10, 2016**	**Low Priority**	**Completed**
230	**ProximaSoft** Analytics Review…	**Don Joseph** *Creator*	**Jan 18, 2016 - Jan 25, 2016**	**Normal Priority**	**In Progress**
500	**ProximaSoft** Error Report…	**Don joseph** *Creator*	**Jan 18, 2016 - Jan 25, 2016**	**Low Priority**	**Completed**

All Completed Open

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All Tasks

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CLOSE

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- Projects
- MOM
- Requirement
- Risklist
- Settings

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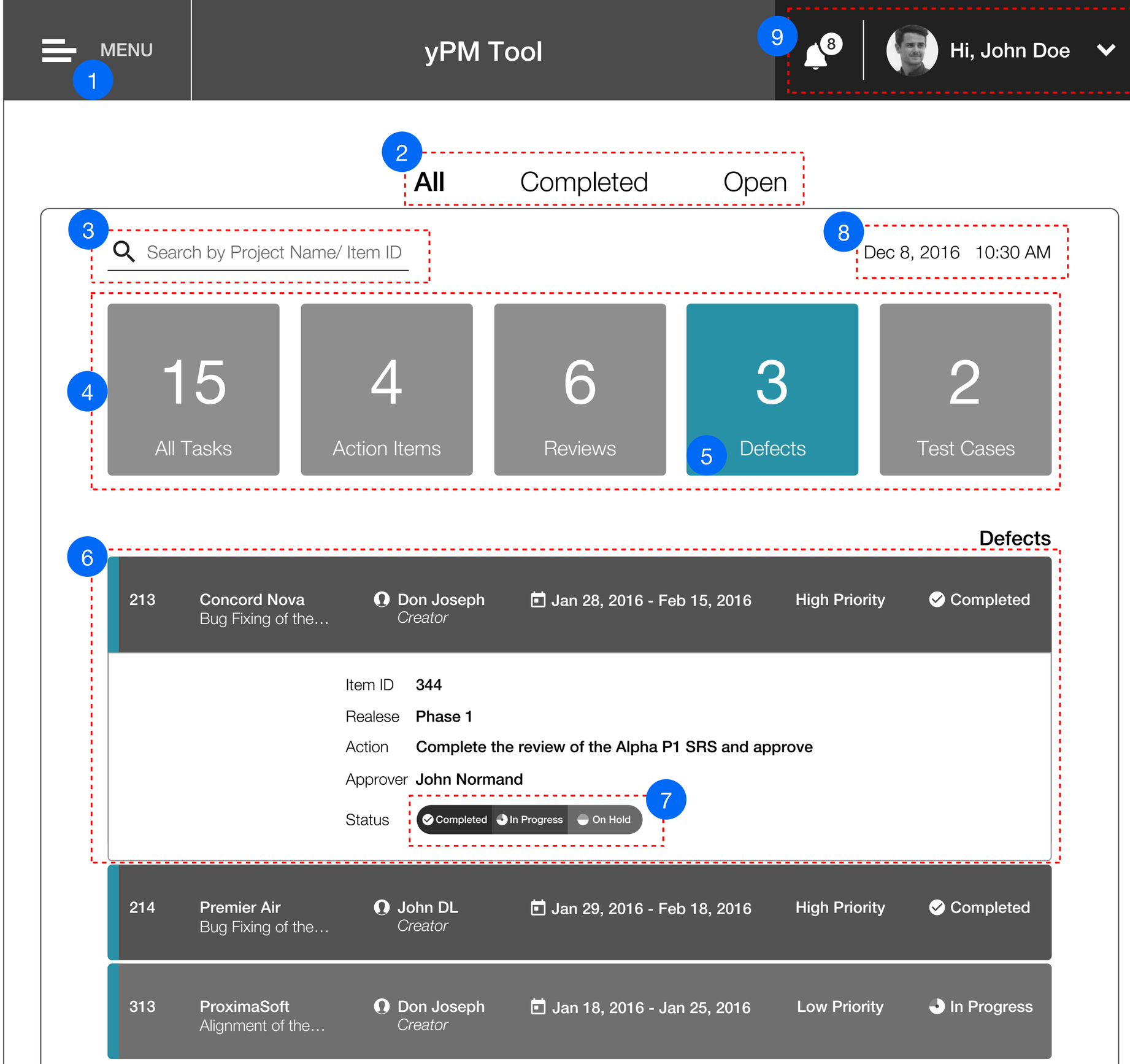
User Interactions

1. Menu
2. Selection Tabs
3. Search by Project Name or Item ID
4. Tasks Tabs (User can select tasks tabs)
5. Selected Task Tab
6. Tasks & Project details view (User can click on tab & it will expand for project related details)
7. Status update toggle button
8. Date, month, year & time
9. User profile, logout & notifications



Final Visual Design

Yokogawa Project Management Tool

All | Completed | Open

Search by Product Name/item ID

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About my design statements for yPM Tool

I came up with minimal design approaches for this solution. I followed user centered design process.

Some of key features for my proposed design solutions-

1. User can easily understand where he/she is (The three tabs- All, Completed, Open are for easy navigation for users. So that users can able to choose their tasks according to project status).

2. Date and Time will help for users.

3. User can search tasks by project name or item ID.

4. All main KPIs are highlighted for users. Users can easily filtering tasks according to their needs.

5. Information data hierarchies will help users to understand about day based tasks, project details, project status and project priorities. All important details users can get easily. If user want to see project/task related details, he/she can click on each card view and will get details.

6. Minimal, trendy & visually appealing design. Corporate theme & material design approaches.

7. Users can update their project status (three toggle buttons will help for status updates).

8. Think mobile first approaches.

9. Simple navigations.

10. Users can see their project related status, priorities very easily.

Thank You 😊