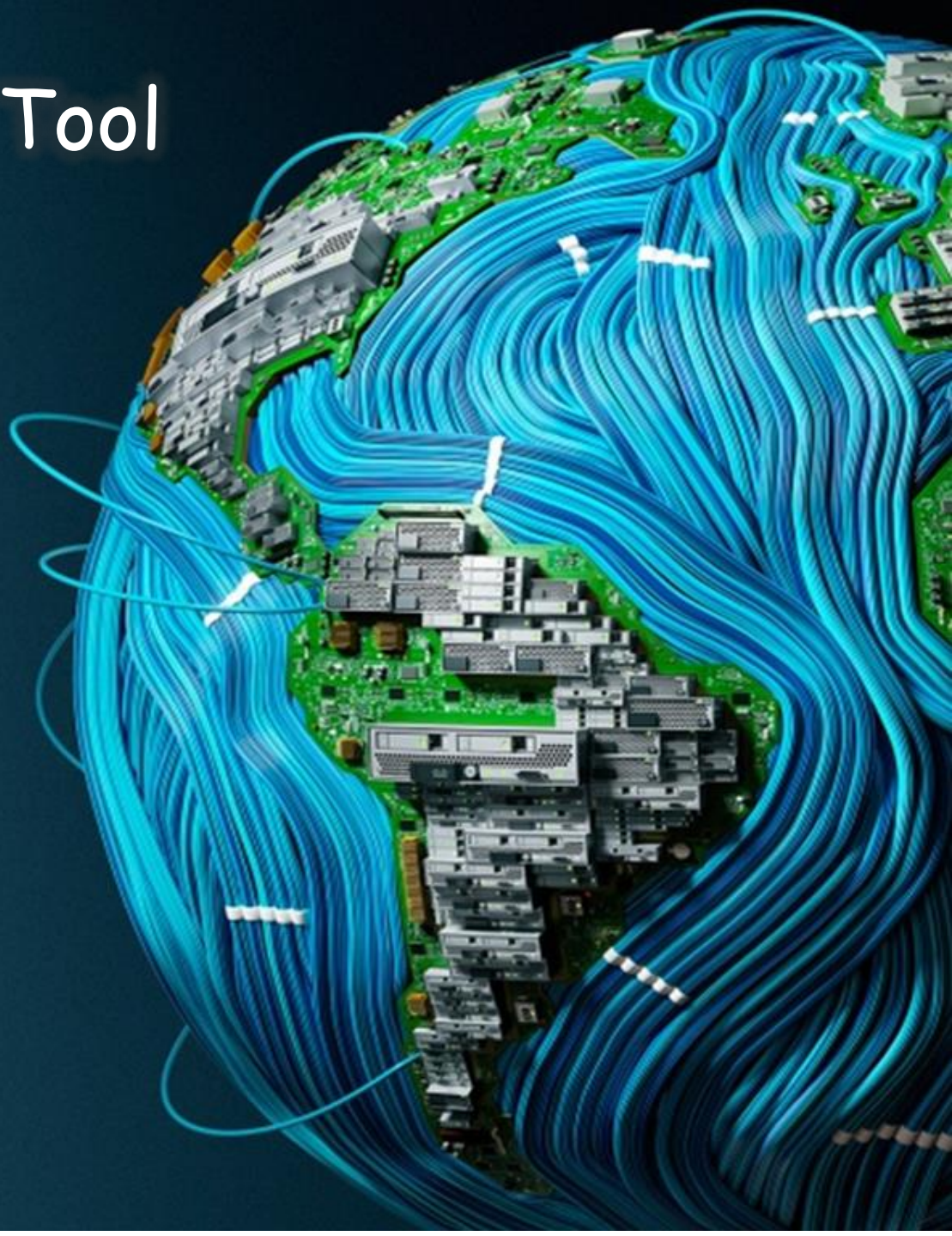
Unnamed Project Management Tool

Team:

- Mohammad Babaei
- Mohammadreza Bagheri
- Mahdi Pazooki
- Mohammadsadegh Khavari
- Hamidreza Sanaee
- Mohammad Javad Mirshekari



Phase #2
Requirement Analysis

Requirement Analysis

- User Stories
- Use Case Diagram
- User Scenarios

User Stories

"As a guest user I want to sign up in the system so that I can observe public projects, create my own project or join other projects as a developer."

"As a guest user I want to log in to the system so that I can get informed of my own projects current state or have my developer permissions in my contributed projects."

User Stories

"As a registered user I want to create a new project so that I can set my project goals or invite others to collaborate and make my own use of system."

User Stories

As a project owner I want to manage project features so that I can add, edit or re-prioritize my project features.

As a project owner I want to manage project sprints so that I can edit spring durations, features assigned to sprints.

As a project owner I want to manage project collaborators so that I can add or invite new members or remove members.

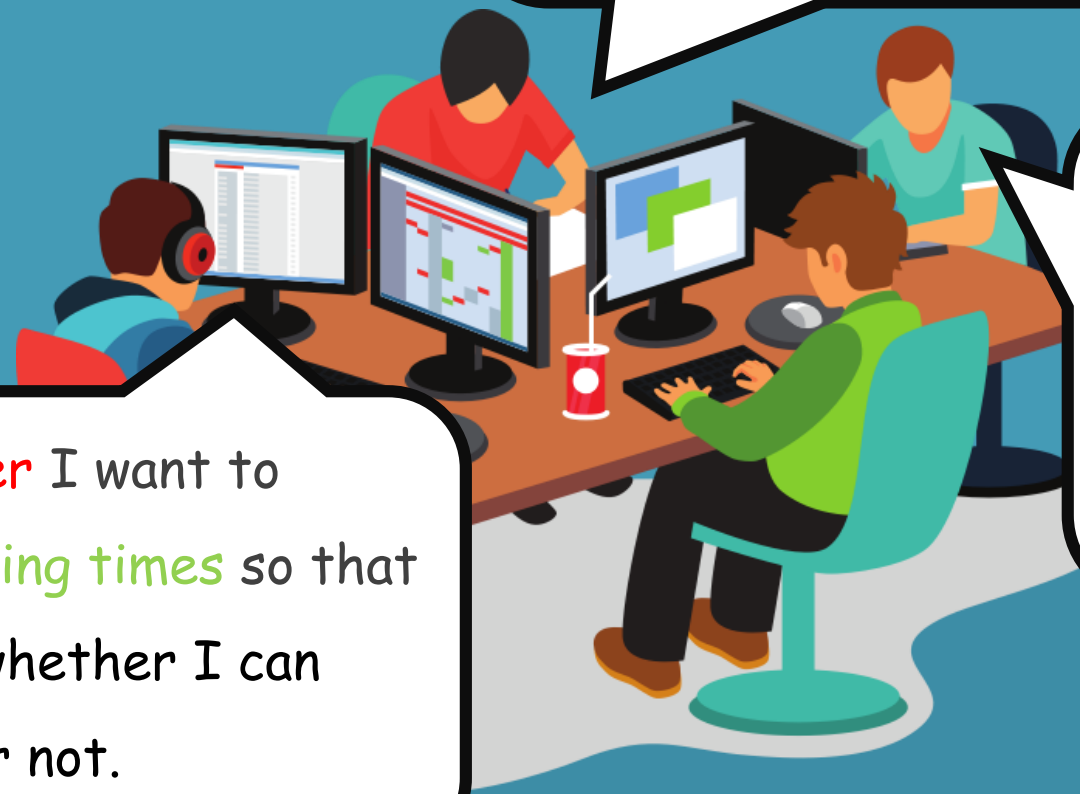
User Stories

As a project owner I want to manage project settings so that I can edit project name, props, methodology or delete my project.

As a project owner I want to manage meeting timings so that I can edit meetings time and date and notify others to attend.

User Stories

As a developer I want to manage tasks so that I can add new task, pick one or mark a task done.



As a developer I want to view project features so that I can make tasks out of them in order to achieve them.

As a developer I want to confirm meeting times so that I can check whether I can participate or not.

Create Project	
Actor	Registered User
Trigger	User intends to create a new project
Precondition	User is logged in
Postcondition	User views the project

User Action	System Response
1) User initiates project info (name, description, ...)	
	2)System store project info and redirect them to methodology form
3)User chooses their desired methodology and initiate its info	
	4)System verifies entered infos and redirect them to collaborator selection
5)User invites collaborators	
	6)System send invitation email to the chosen collaborators and redirect them to view project status page
Exception Flow	
	4a) Incorrect methodology information
	1) The system prompts users to re-enter their info
2)Return to normal scenario step	

Manage Meetings	
Actor	Project Owner
Trigger	User wants add or edit meetings
Precondition	User is in project view
Postcondition	

User Action	System Response
1)User adds/edit a meeting	
2) User sets time and meeting type	
	3)System validates meeting details
	4)System notifies team members
Exception Flow	
1)User adds/edits a scrum meeting	
2) User sets time and meeting's type	
	3)System encounter a mismatch with scrum regulations
	4)System refuses to edit
	5)System prompts to re-enter modifications

Manage Features

Actor	Project Owner
Trigger	User wants to re-prioritize project Features(backlogs)
Precondition	User is logged in
Postcondition	Project Features List gets Updated

User Action	System Response
1) User attempts to change backlogs priority	
	2) System checks user's authority to change project backlogs
	3) System redirects user to backlogs priority view
4) User drags backlogs up/down and saves the state	
	5) System updates the priority
Exception Flow	
	2a)User has not permission to edit backlogs
	1) System shows error dialog
	2)System redirects user to project page

Manage Collaborators	
Actor	Project Owner
Trigger	User wants to add/delete collaborators
Precondition	User owns the project
Postcondition	project members list gets updated

User Action	System Response
1) User enters new members id	
	2) Checks if the user is in database
	3) System sends invitation email
Alternative Flow	
1) User sends request to delete one member	
	2) System updates project member list
	3) System sends users assigned tasks to unassigned column

Manage Tasks	
Actor	Team Developers
Trigger	User wants to add/delete/edit/pick/do tasks
Precondition	project Feature/backlogs are defined
Postcondition	Task board gets updated

User Action	System Response
1) User picks one task	
	2) System puts task into members todo list
	3) System moves the task to "in progress" bar and stores the changed state
Alternative Flow	
1) User marks a task done	
	2) System removes the task from to do list
	3) System moves the task to "done" bar and stores the changed state