

Lab Assignment 2

Software Engineering

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1. Time Management System

a. Team

The screenshot shows the 'Team' page of the Time Management System. The left sidebar contains navigation links for 'Time Management System', 'Scrum', 'Issues', 'Search', 'Wiki', 'Team', and 'Settings'. The main content area has a 'Filters' section with a search bar and a 'Team' section with a table of team members. The table has columns for team members and their roles. The team members listed are Dhruvin (Product Owner) and Patel Smit (Product Owner). The table also shows a 'Total Power' column with values 0 and 1 respectively.

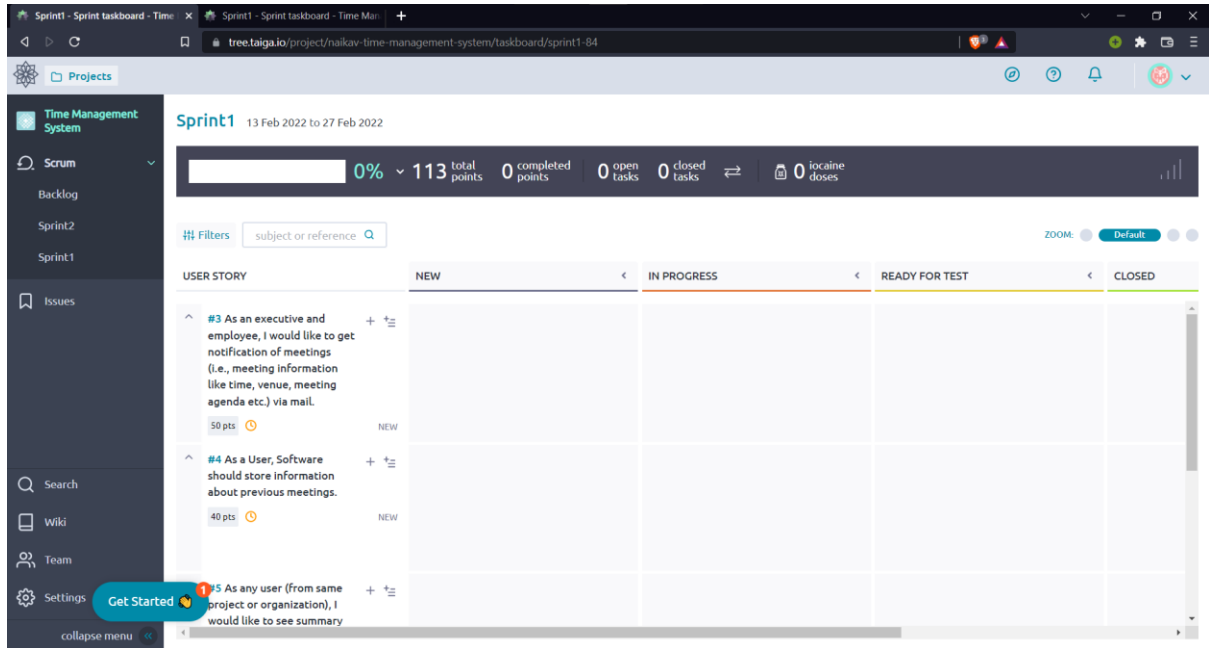
Team	Mr. Wolf	locaine Drinker	Cervantes	Bug Hunter	Night Shift	Total Power
Dhruvin Product Owner * Leave this project						0
Patel Smit Product Owner						1

b. User Stories

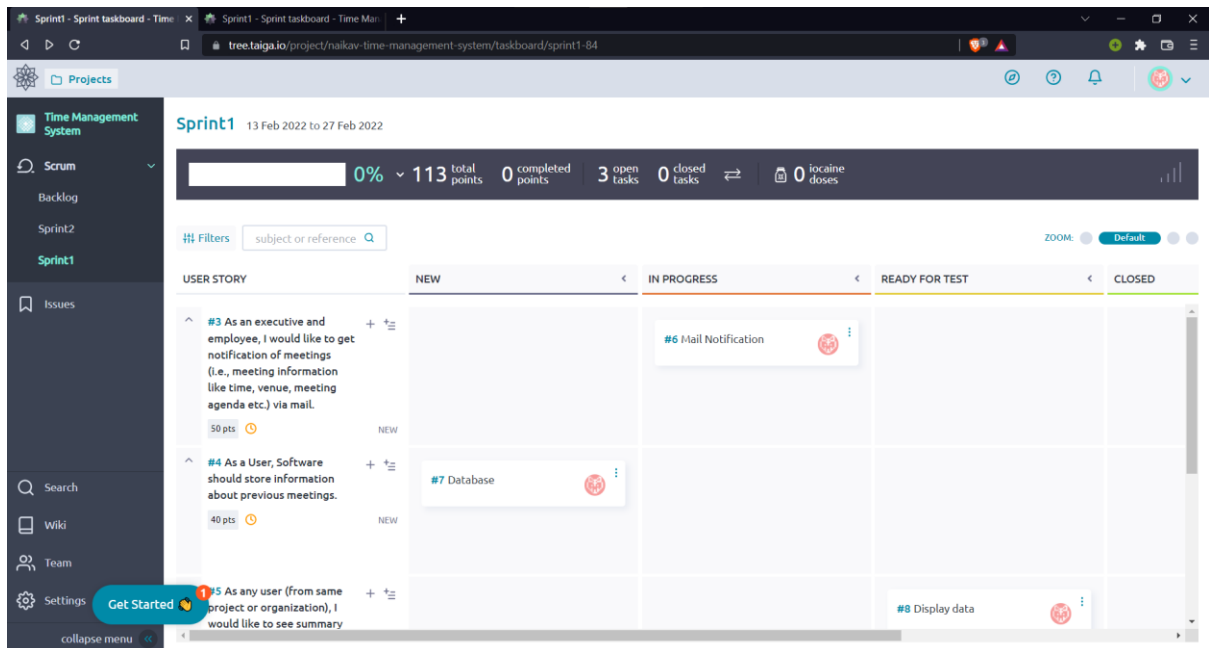
The screenshot shows the 'Backlog' page of the Time Management System. The left sidebar contains navigation links for 'Time Management System', 'Scrum', 'Backlog', 'Issues', 'Search', 'Wiki', 'Team', and 'Settings'. The main content area has a 'Scrum' section with a progress bar showing 0% completion, 226 defined points, 0 closed points, and 0 points per sprint. Below this is a 'CUSTOMIZE YOUR BACKLOG GRAPH' section with a link to 'Admin'. The 'Backlog' section shows a list of user stories with columns for 'USER STORY', 'STATUS', and 'POINTS'. The user stories are numbered #1, #2, and #3, with points 73, 40, and 50 respectively.

USER STORY	STATUS	POINTS
#1 As an executive, software should allow me to store information about my appointments and other tasks. Based on that in remaining time slots software should be able to provide common time slot for meetings	New	73
#2 As an executive, software also able to provide other available slots for meetings or able to rearrange meetings	New	40
#3 As an executive and employee, I would like to get notification of meetings (i.e., meeting	New	50

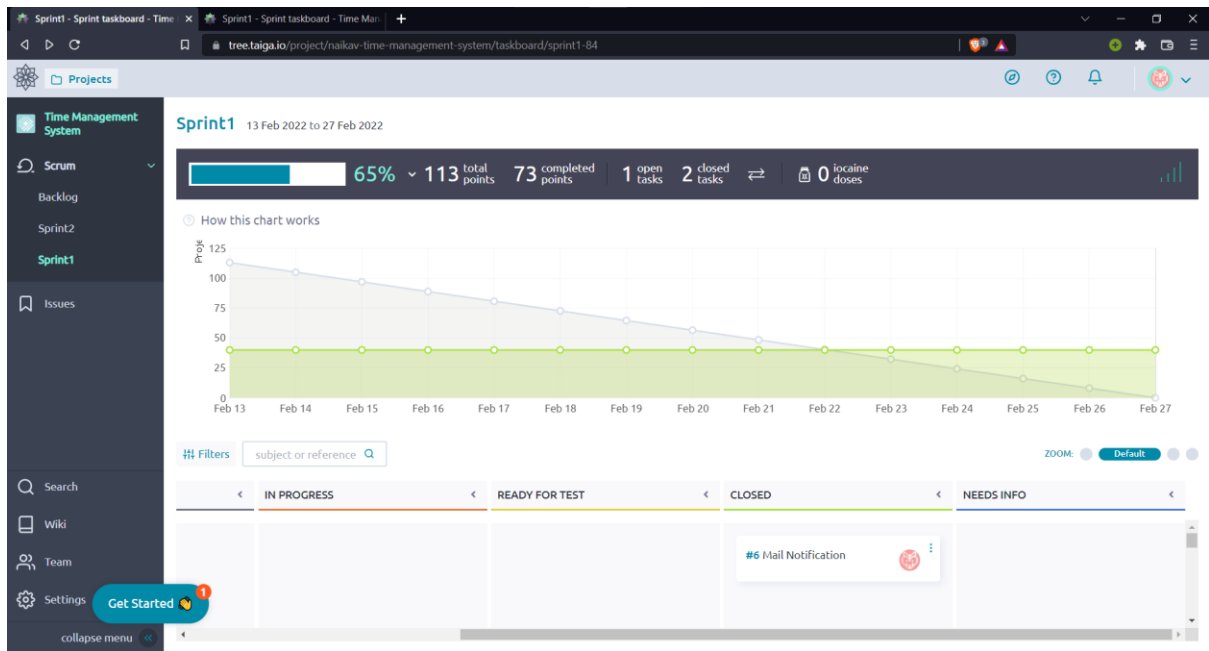
c. Sprints



d. Tasks



e. Burndown Chart



f. Issues

Issues - Time Management System

Issues

Filters: subject or reference Tags

+ NEW ISSUE

TYPE	SEVERITY	PRIORITY	ISSUE	STATUS	MODIFIED	ASSIGN TO
			#10 Notification services not working	New	13 Feb 2022	
			#9 Not showing free slot for meeting correctly	New	13 Feb 2022	

2. Restaurant Automation System

a. Team

The screenshot shows the 'Team' page in Taiga.io. The left sidebar contains navigation links: Projects, Restaurant Automation System, Scrum, Issues, Search, Wiki, Team, and Settings. The main content area is divided into 'Filters' and 'Team'. The 'Filters' section has a search bar and a list of filters including 'ALL' and 'PRODUCT OWNER'. The 'Team' section displays a table of team members with columns for name, role, and various icons representing different team roles. The table lists two members: Dhruvin (Product Owner) and Patel Smit (Product Owner).

Team	Mr. Wolf	Iocaine Drinker	Cervantes	Bug Hunter	Night Shift	Total Power
Dhruvin Product Owner * Leave this project						0
Patel Smit Product Owner						1

b. User Stories

The screenshot shows the 'Backlog' page in Taiga.io. The left sidebar contains navigation links: Projects, Restaurant Automation System, Scrum, Backlog, Issues, Search, Wiki, Team, and Settings. The main content area displays a backlog of user stories. At the top, there is a progress bar showing 0% completion, 199 defined points, 0 closed points, and 0 points per sprint. Below this, there is a section titled 'CUSTOMIZE YOUR BACKLOG GRAPH' with a link to 'Admin'. The 'Backlog' section shows 3 user stories. A '+ USER STORY' button is available to add new stories. The user stories are listed in a table with columns for 'USER STORY', 'STATUS', and 'POINTS'.

USER STORY	STATUS	POINTS
<input type="checkbox"/> #1 As store owner, System should be able to estimate ingredients needed to cook food items, based on previous few months data. (i.e., Items sold in past few months and how much ingredient needed). Software should store statics ingredient user in past.	New	78
<input type="checkbox"/> #2 Software should be able to calculate ingredient needed, stock needed for next two days, create accurate bills, manage account, creating check for payment of ingredients ordered.	New	48
<input type="checkbox"/> #3 Software should be able to support many types of payment methods, provide menu (showing popular items on menu) for available food items, quickly calculate bill amount and	New	73

c. Sprints

The screenshot shows the Jira interface for a project named 'Restaurant Automation System'. The left sidebar contains navigation links for Scrum, Backlog, Sprint2, Sprint1, Issues, Search, Wiki, Team, and Settings. The main area displays the 'Sprint2' board for the period of 14 Feb 2022 to 13 Mar 2022. At the top, a summary bar indicates 0% completion, 121 total points, 0 completed points, 0 open tasks, 0 closed tasks, and 0 inactive doses. Below this, a filter bar allows searching by subject or reference. The board is organized into four columns: NEW, IN PROGRESS, READY FOR TEST, and CLOSED. Two user stories are currently in the 'NEW' column:

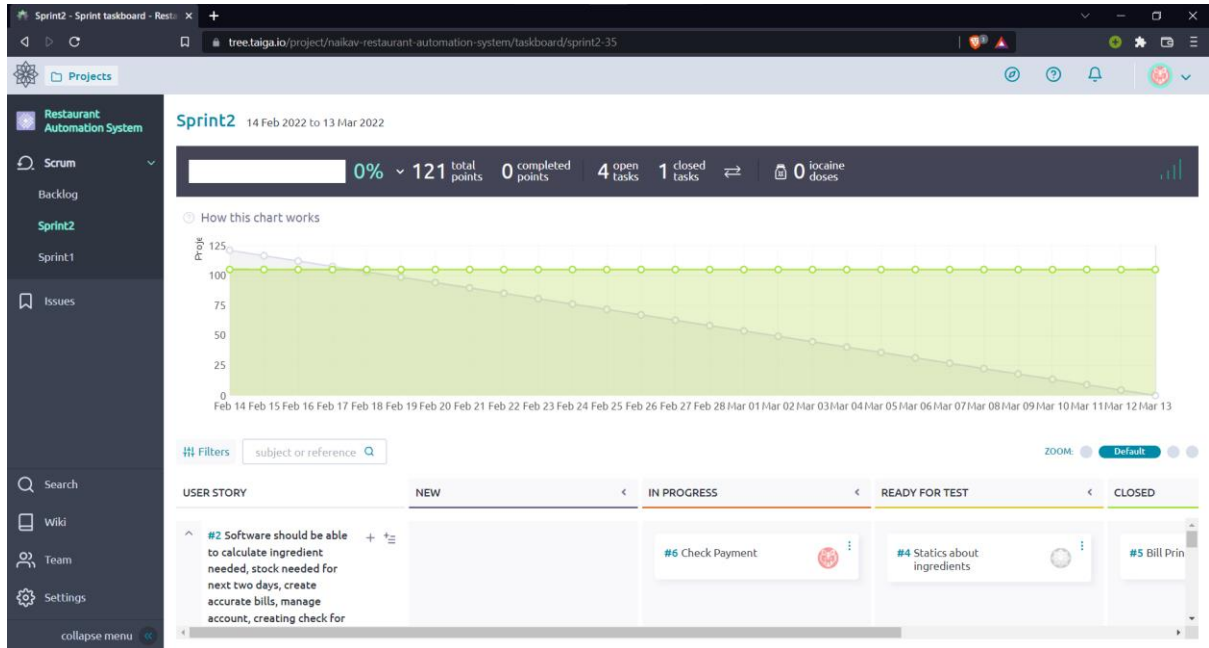
- #2** Software should be able to calculate ingredient needed, stock needed for next two days, create accurate bills, manage account, creating check for payment of ingredients ordered. (48 pts, NEW)
- #3** Software should be able to support many types of payment methods, provide menu (showing popular items on menu) for available food items, quickly calculate bill amount and print bill. (73 pts, NEW)

d. Tasks

This screenshot shows the same Jira interface as above, but with tasks assigned to the user stories. The summary bar now shows 4 open tasks and 1 closed task. The tasks are distributed across the columns:

- NEW column:**
 - Task **#7** Menu (assigned to User Story #3)
 - Task **#8** Payment Methods (assigned to User Story #3)
- IN PROGRESS column:**
 - Task **#6** Check Payment (assigned to User Story #2)
- READY FOR TEST column:**
 - Task **#4** Statics about ingredients (assigned to User Story #2)
- CLOSED column:**
 - Task **#5** Bill Print (assigned to User Story #2)

e. Burndown Chart



f. Issues

Issues

Filters: subject or reference Tags

+ NEW ISSUE

TYPE	SEVERITY	PRIORITY	ISSUE	STATUS	MODIFIED	ASSIGN TO
			#11 Statics	New	13 Feb 2022	
			#10 Payment	New	13 Feb 2022	
			#9 Menu	New	13 Feb 2022	