



BHARATIYA VIDYA BHAVAN'S
SARDAR PATEL INSTITUTE OF TECHNOLOGY
MUNSHI NAGAR, ANDHERI (WEST), MUMBAI – 400 058.
(Autonomous College Affiliated to University of Mumbai)
MASTER OF COMPUTER APPLICATIONS

Academic Year – 2022-23

Class: F.Y.MCA

Semester: I

Subject: **Software Engineering Lab**

Subject In charge: Nikhita Mangaonkar Course Code: MC503

ROLL NO. : 05

BATCH: A

NAME: Tanmay Prashant Chavan

EXPERIMENT NO: 02

EXPERIMENT TITLE: Prepare User Stories

Objective:

- 1.To understand how to write a user story
2. To create Class Responsibility Collaborator card
3. To make a Product Backlog

EXPERIMENT TITLE: Writing a User story for a given case study.

Objective:

1. To understand difference between Epic and a User Story
2. To write the Acceptance criteria from developers' point of view.
3. To create a CRC and Product backlog .

DATE TURN 1:

DATE TURN 2:



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PRACTICAL EVALUATION:

PI1: On Time	PI2: Case study Analysis (Solution)	PI3: Identification of Problem Parameters (Notations)	PI4: Documentatio n [Template]/ [specification]	PI5 : Lab Ethics	Marks Per Experiment	Sig n
0.5	1	2	1	0.5	5	

EPIC ID	AS A USE R	I WANT TO	USER STORY ID 1	USER STORY ID 2	USER STORY ID 3	USER STORY ID 4	USER STORY ID 5
1	User	save, manage and view my meanings	As a user I want to add new meanings, pin and add into folders while adding.	As a user I want to search for the meaning which I have added so far.	As a user I want to list down the only meanings which are present in the specified folder.	As a User, I want to delete, pin and mark as complete when necessary.	As a user, I want to receive notifications 4 times a day.



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User Story Id	As a <type of user >	I want to <perform some task >	So that I can <achieve some goal>
1	User	As a user I want to add new meanings, pin and add into folders while adding.	So that I can refer to them later.
2	User	As a user I want to search for the meaning which I have added so far.	So that I can refer to it quickly.
3	User	As a user I want to list down the only meanings which are present in the specified folder.	So that I can search for relevant meanings in one folder.
4	User	As a User, I want to delete, pin and mark as complete when necessary.	So that I can pin to the top or delete or mark completed when I have completed it.
5	User	As a user, I want to receive notifications..	So that I can revise whenever I receive it.



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EPIC ID	EPIC	USER STORY	ACCEPTANCE CRITERIA
1	As a user I want to save, manage and view my meanings	As a user I want to add new meanings, pin and add into folders while adding.	Ensure User is able to – 1) Add meaning, 2) Set pin status, 3) Create new folder, 4) Add to existing folder 5) Receive acknowledgement after adding
		As a user I want to search for the meaning which I have added so far.	Ensure User is able to – 1) Search for desired meaning.
		As a user I want to list down the only meanings which are present in the specified folder.	Ensure User is able to - 1) See all the meanings present in the specified folder.
		As a User, I want to delete, pin and mark as complete when necessary.	Ensure User is able to- 1) Delete meaning, 2) Pin meaning to top. 3) Mark as completed.
		As a user, I want to receive notifications..	Ensure User is able to - 1) Receive notification at specified time.



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Class Responsibility Collaborator:-

USER	
Login Update Account Send friend request Add meanings Search meanings Pin meanings Delete meanings Mark completed List meanings based on folder.	User

Product Backlog:-



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User Story Id	As a <type of user >	I want to <perform some task >	So that I can <achieve some goal>	Priority	Sprint	Status
1	User	As a user I want to add new meanings, pin and add into folders while adding.	So that I can refer to them later.	High	1	Done
2	User	As a user I want to search for the meaning which I have added so far.	So that I can refer to it quickly.	Low	2	In Progress
3	User	As a user I want to list down the only meanings which are present in the specified folder.	So that I can search for relevant meanings in one folder.	High	1	To be started
4	User	As a User, I want to delete, pin and mark as complete when necessary.	So that I can pin to the top or delete or mark completed when I have completed it.	High	1	Done
5	User	As a user, I want to receive notifications..	So that I can revise whenever I receive it.	Medium	2	In Progress



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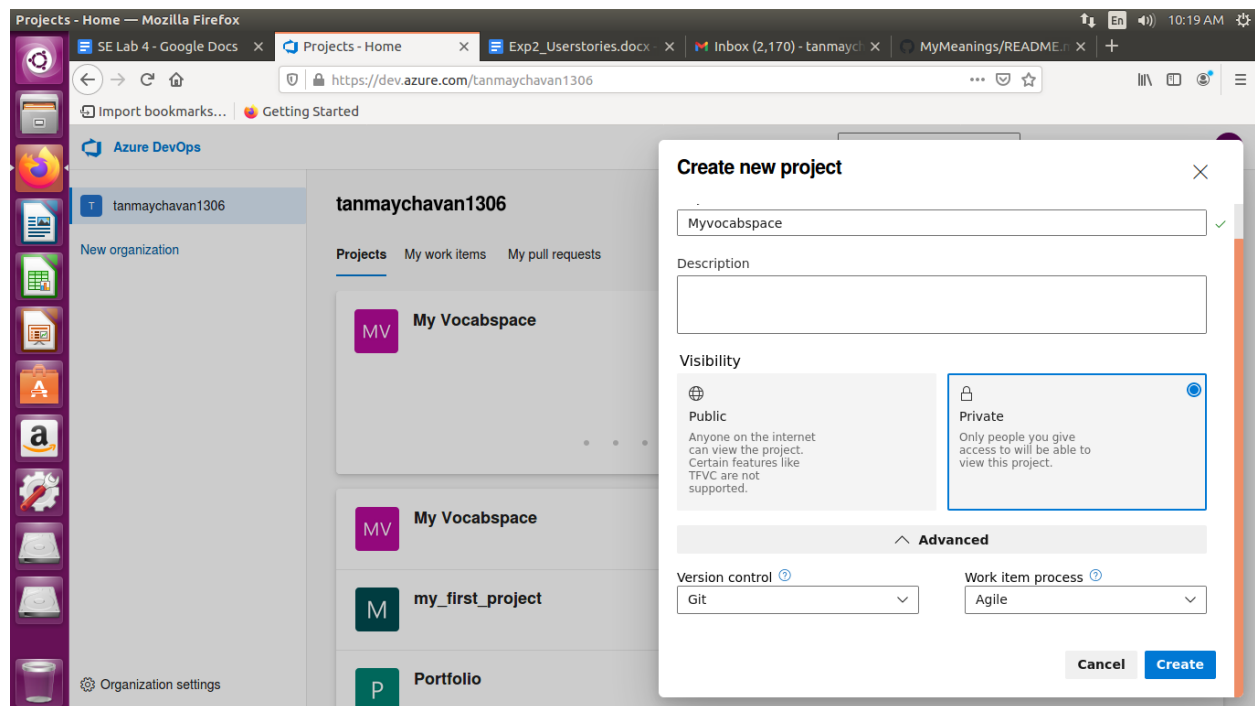
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Creating user storion on Azure platform

1) Creating new project





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2) Created Epic with Id as User

The screenshot shows the Azure DevOps web interface in a Mozilla Firefox browser. The user is logged in as 'tanmaychavan1306'. The page title is 'User Story 7: User story 2 - Boards'. The breadcrumb navigation is 'My Vocabspace / Boards / Work items'. A 'NEW EPIC' modal is open, showing the creation of an epic titled 'User'. The epic is currently 'Unassigned' and has '0 comments'. The description field contains the text: 'As a user I want to save, manage and view my meanings'. The 'Planning' section shows 'Priority 2'. The 'Deployment' section has a link to 'Releases'. The 'Development' section has a link to 'Add link'. The 'Related Work' section has a link to 'Add link'. The bottom of the modal shows a 'Project settings' link and a hint about linking an Azure Repos commit.



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3) Creating User story

Summary - Overview — Mozilla Firefox

Untitled document - Go... x Summary - Overview x Exp2_Userstories.docx x Inbox (2,168) - tanmaycl... x +

https://dev.azure.com/tanmaychavan1306/My Vocabspace

Import bookmarks... Getting Started

Azure DevOps tanmaychavan1306 / My Vocabspace / Overview / Summary

My Vocabspace +

Overview

Summary

Dashboards

Wiki

Boards

Repos

Pipelines

Test Plans

Artifacts

New work item >

- Bug
- Epic
- Feature
- Issue
- Task
- Test Case
- User Story

About this project

Help others to get on board!

Describe your project and make it easier for other people to understand it.

+ Add Project Description

Private Invite

Project stats

Period: Last 7 days

Boards

6 Work items created

0 Work items completed

Project settings

https://dev.azure.com/tanmaychavan1306/My Vocabspace/_workitems/create/user story



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4) Filling in details of user story

The screenshot shows the Azure DevOps web interface in a Mozilla Firefox browser. The browser tabs include 'Untitled document - Google...', 'Summary - Overview', 'Exp2_Userstories.docx', and 'Inbox (2,168) - tanmaychavan1306'. The address bar shows the URL 'https://dev.azure.com/tanmaychavan1306/My Vocabspace'. The page title is 'Summary - Overview'. The breadcrumb navigation is 'Azure DevOps > tanmaychavan1306 > My Vocabspace > Overview > Summary'. A 'NEW USER STORY' modal is open, showing details for 'User story 1'. The modal includes a 'Save & Close' button, a 'Details' tab, and sections for 'Description', 'Acceptance Criteria', 'Discussion', 'Planning', 'Classification', 'Deployment', 'Development', and 'Related Work'. The 'Description' section contains the text: 'As a user I want to add new meanings, pin and add into folders while adding'. The 'Acceptance Criteria' section contains a list: 'Ensure User is able to - 1. Add meaning, 2. Set pin status, 3. Create new folder, 4. Add to existing folder, 5. Receive acknowledgement after adding'. The 'Planning' section shows 'Story Points', 'Priority 1', and 'Risk'. The 'Classification' section shows 'Value area' and 'Business'. The 'Deployment' section has a note about tracking releases. The 'Development' section has an 'Add link' button. The 'Related Work' section is empty. The 'Members' section at the bottom shows three user icons.



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5) Assigning user

The screenshot displays the Azure DevOps web interface in a Mozilla Firefox browser. The address bar shows the URL: https://dev.azure.com/tanmaychavan1306/My Vocabspace/_workitems/edit/6/. The left sidebar contains a navigation menu with options like Overview, Boards, Work items, Boards, Backlogs, Sprints, Queries, Delivery Plans, Repos, Pipelines, Test Plans, and Project settings. The main content area shows a 'Recently updated' section with a 'Back to Work Items' link. Below this, the '6 User story 1' is displayed, assigned to 'mevirajdhuma@gmail.com'. The user story has 0 comments and an 'Add tag' button. The 'Save' button is highlighted. The user story details are as follows:

- Description:** As a user I want to add new meanings, pin and add into folders while adding.
- Acceptance Criteria:** Ensure User is able to –
 1. Add meaning,
 2. Set pin status,
 3. Create new folder,
 4. Add to existing folder
 5. Receive acknowledgement after adding
- Planning:** Story Points, Priority 1, Risk.
- Classification:** Value area Business.
- Deployment:** To track releases associated with this work item, go to Releases and turn on deployment status reporting for Boards in your pipeline's Options menu. [Learn more about deployment status reporting](#).
- Development:** + Add link. [Link an Azure Repos commit, pull request or branch to see](#).



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6) Assigning User stories to their respective status

The screenshot displays the Azure DevOps Boards interface for a team named 'My VocabSpace Team'. The board is organized into columns representing different stages of the workflow: New, Active (3/5 items), Resolved (1/5 items), and Closed. Each column contains user stories represented as cards. A 'New Item' button is visible in the 'New' column. The 'Active' column contains three cards: '8 User story 3' (Active), '9 User story 4' (Active), and '10 User story 5' (New). The 'Resolved' column contains one card: '7 User story 2' (Resolved). The 'Closed' column contains one card: '6 User story 1' (Closed). Each card shows the user's name and email address, and a 'State' indicator with a colored dot corresponding to the column's status.

Status	User Story	Assignee	State
New	10 User story 5	tejaschalke66@gmail.com	New
Active	8 User story 3	mevirajdhmal@gmail.com	Active
Active	9 User story 4	tejaschalke66@gmail.com	Active
Resolved	7 User story 2	tejaschalke66@gmail.com	Resolved
Closed	6 User story 1	mevirajdhmal@gmail.com	Closed



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7) Adding it to iteration phase

The screenshot displays the 'My VocabSpace Team Stories Board' in a Mozilla Firefox browser. The URL bar shows the address: https://dev.azure.com/tanmaychavan1306/My VocabSpace/_boards/board/t/My VocabSpace Team.... The left sidebar contains navigation options: Overview, Boards, Work items, Backlogs, Sprints, Queries, Delivery Plans, Repos, Pipelines, Test Plans, and Project settings. The main board area shows a Kanban-style workflow with columns: New, Active (2/5), Resolved (1/5), and Closed. A context menu is open over 'User story 1' in the Closed column, showing options like 'Open', 'Edit title', 'Move to iteration', 'Add Task', 'Add Bug', 'Add Test', 'Delete', and 'New branch...'. The 'Move to iteration' option is expanded, showing 'Current (iteration 1)' and 'My VocabSpace/iteration 1'.



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8) Adding description to the project

The screenshot shows the Azure DevOps interface for a project named 'My Vocabspace'. The left sidebar contains navigation links for Overview, Summary, Dashboards, Wiki, Boards, Repos, Pipelines, Test Plans, and Artifacts. The main content area displays the 'About this project' section with a 'Help others to get on board!' message and an 'Add Project Description' button. A modal dialog box titled 'About this project' is open, featuring a 'Description' text area, a 'Tags' section with an 'Add tags' button, and an 'About' section with radio buttons for 'Readme file' (selected) and 'Wiki'. Below these is a 'Select a repository' dropdown menu. The dialog box has 'Cancel' and 'Save' buttons at the bottom right.



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9) Imported project from github to microsoft azure.

Name	Last change	Commits
.firebase	20 Oct	32678b1b Updated service...
public	20 Oct	32678b1b Updated service...
src	20 Oct	32678b1b Updated service...
.firebaseconfig	9 Sep	45550a5e Project pushed t...
.gitignore	18 Oct	66a32a71 Added notificatio...
.gitignore.save	18 Oct	66a32a71 Added notificatio...
firebase.json	9 Sep	45550a5e Project pushed t...
package-lock.json	9 Sep	45550a5e Project pushed t...
package.json	9 Sep	45550a5e Project pushed t...
Mi README.md	Friday	25803a00 Updated READ...



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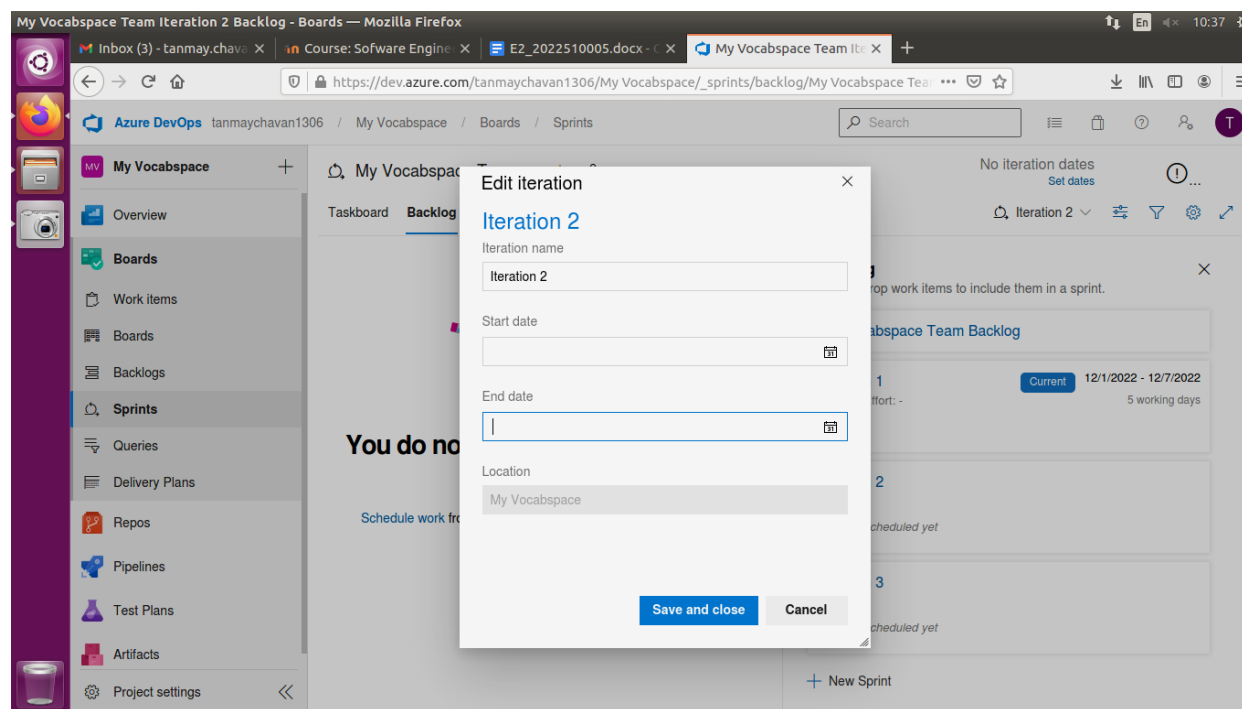
Class: F.Y.MCA

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10) Updating iteration dates





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11) Assigning iteration to a user story

The screenshot displays the 'My Vocabspace Team Stories Board' in a Mozilla Firefox browser. The interface includes a left sidebar with navigation options like Overview, Boards, Work items, Backlogs, Sprints, Queries, Delivery Plans, Repos, Pipelines, Test Plans, Artifacts, and Project settings. The main area shows a Kanban board with columns for New, Active (2/5), Resolved (1/5), and Closed. A context menu is open for '10 User story 5', with the 'Move to Iteration' option selected. This opens a sub-menu showing 'Backlog' and 'FUTURE ITERATIONS', where 'Iteration 3 - 12/22/2022 - 12/29/2022' is highlighted. A tooltip for 'My Vocabspace/Iteration 3' is also visible.