

INDEX

S.No.	Date	Title
1.	23/1/25	Azure Devops Environment Setup.
2.	30/1/25	Azure Devops Project Setup and User Story Management.
3.	06/2/25	Setting Up Epics, Features, And User Stories for Project Planning.
4.	13/2/25	Sprint Planning.
5.	20/2/25	Poker Estimation.
6.	27/2/25	Designing Class Diagram and Sequence Diagram.
7.	06/3/25	Designing Use Case Diagram and Activity Diagram.
8.	20/3/25	Testing – Test Plans and Test Cases.
9.	27/3/25	Load Testing and Pipelines.
10.	03/4/25	GitHub: Project Structure & Naming Conventions.

AZURE DEVOPS ENVIRONMENT SETUP

EXP NO: 1

Date :

Aim:

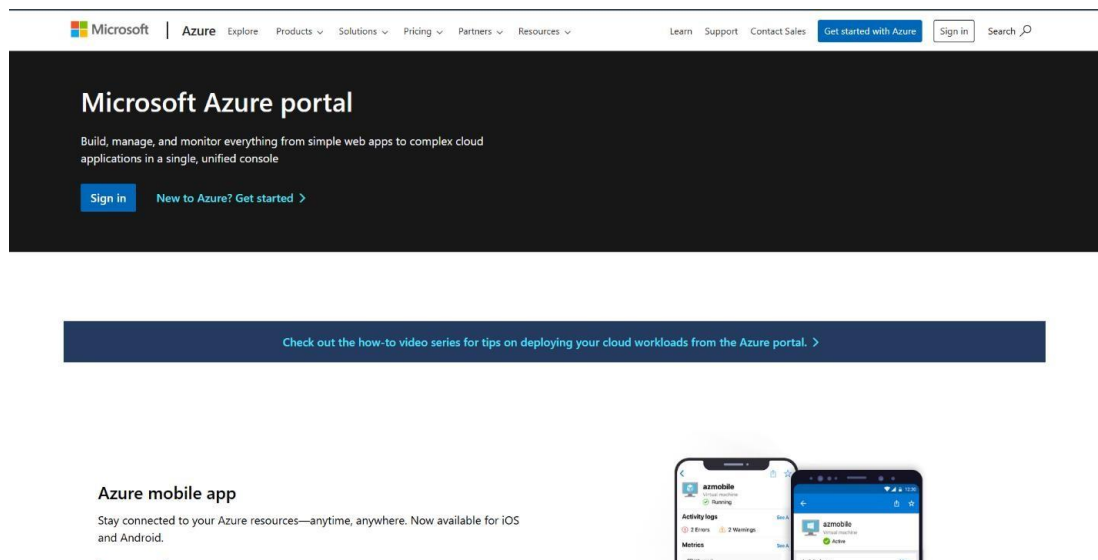
To set up and access the Azure DevOps environment by creating an organization through the Azure portal.

INSTALLATION

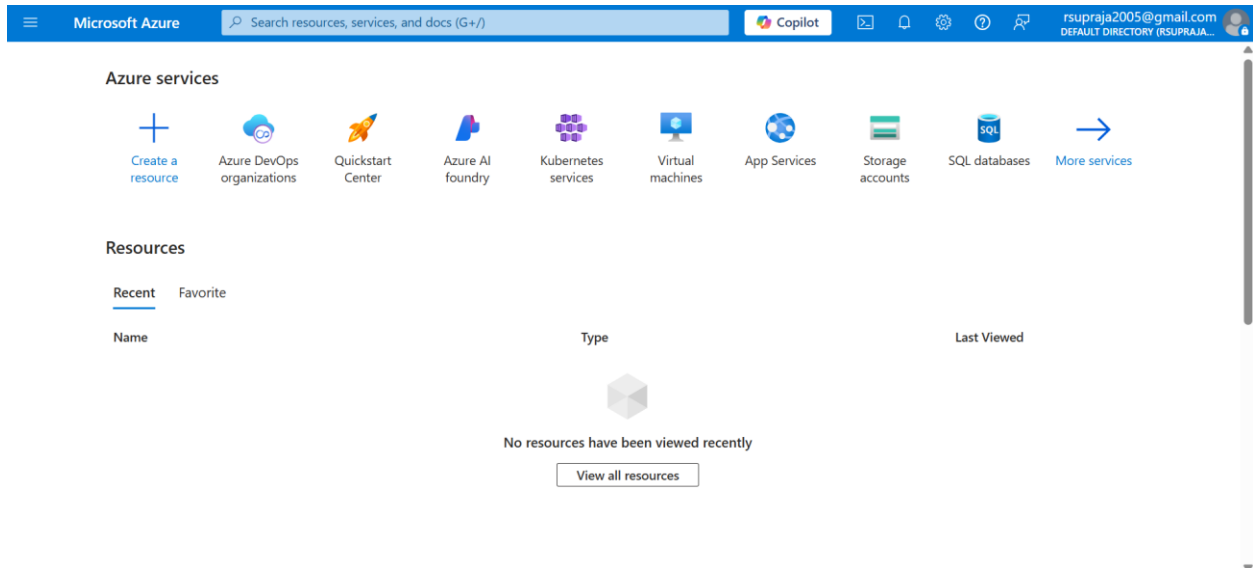
1. Open your web browser and go to the Azure website: <https://azure.microsoft.com/en-us/getstarted/azure-portal>.

Sign in using your Microsoft account credentials.

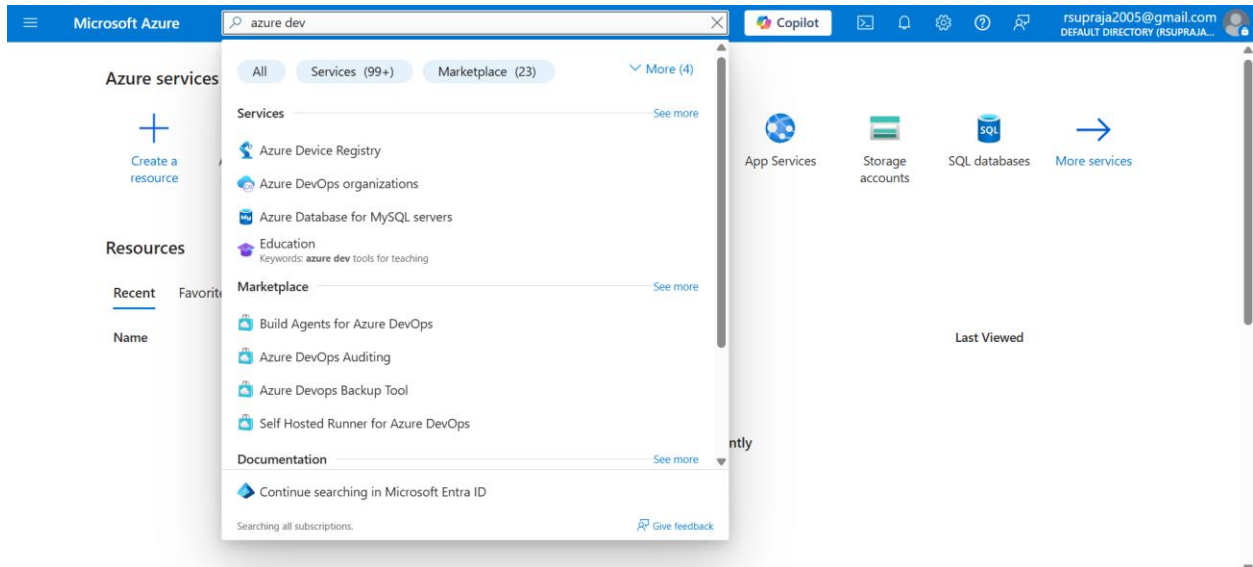
If you don't have a Microsoft account, you can create one here: <https://signup.live.com/?lic=1>



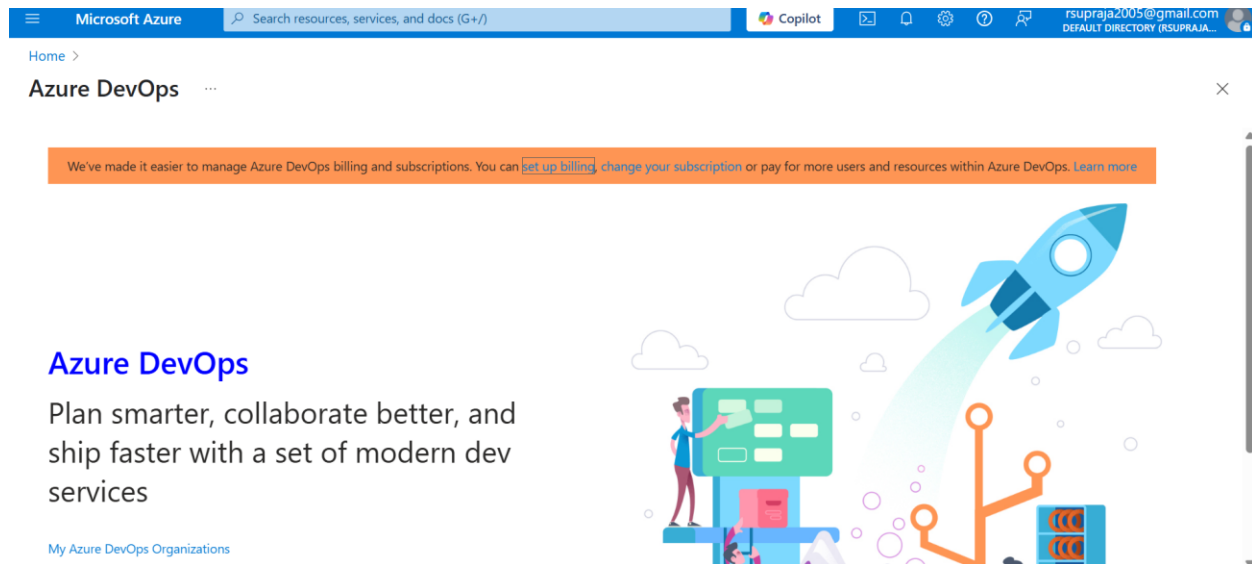
2. Azure home page



2. Open a DevOps environment in the Azure platform by typing *Azure DevOps Organizations* in the search bar.



3. Click on the **My Azure DevOps Organization** link and create an organization and you should be taken to the Azure DevOps Organization Home page.



Result:

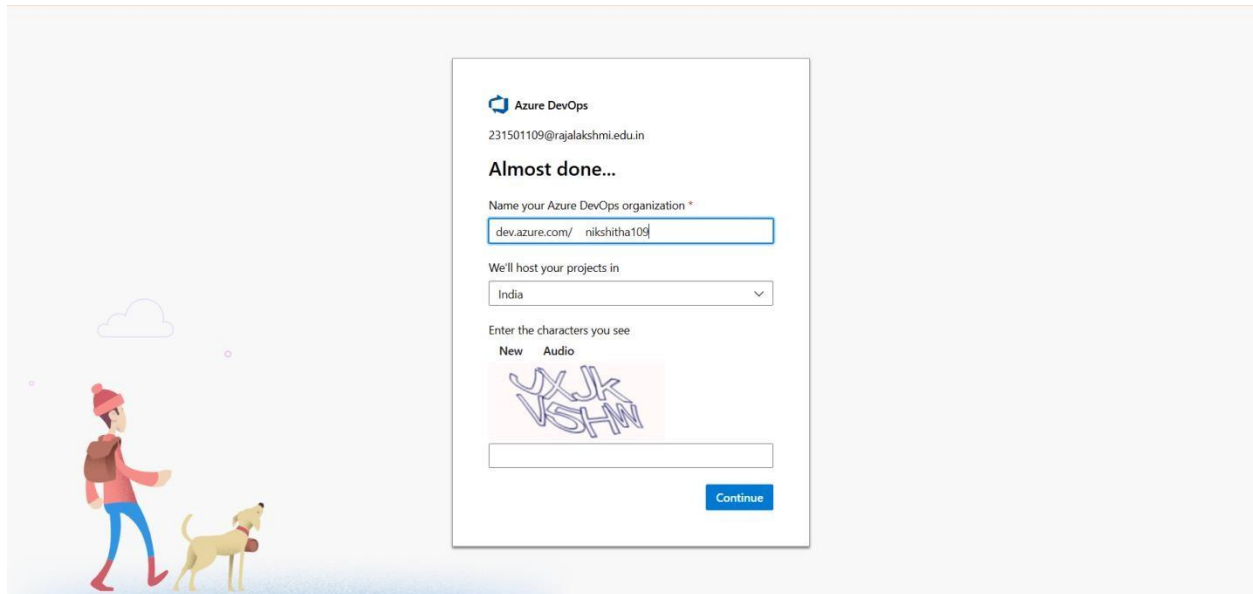
Successfully accessed the Azure DevOps environment and created a new organization through the Azure portal.

EXP NO: 2 Date :	<h1 style="text-align: center;">AZURE DEVOPS PROJECT SETUP AND USER STORY MANAGEMENT</h1>
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Aim:

To set up an Azure DevOps project for efficient collaboration and agile work management.

1. Create An Azure Account



2. Create the First Project in Your Organization

- a. After the organization is set up, you'll need to create your first **project**. This is where you'll begin to manage code, pipelines, work items, and more.
- b. On the organization's **Home page**, click on the **New Project** button.
- c. Enter the project name, description, and visibility options:
 - Name:** Choose a name for the project (e.g., **LMS**).
 - Description:** Optionally, add a description to provide more context about the project.
 - Visibility:** Choose whether you want the project to be **Private** (accessible only to those invited) or **Public** (accessible to anyone).
- d. Once you've filled out the details, click **Create** to set up your first project.

organization policies.' At the very bottom is an 'Advanced' section with a dropdown arrow."/>

Create new project [X]

Project name *
SMS Message Textingg

Description

Visibility

☐ Public
Anyone on the internet can view the project. Certain features like TFVC are not supported.

☒ Private
Only people you give access to will be able to view this project.

Public projects are disabled for your organization. You can turn on public visibility with [organization policies](#).

▼ Advanced

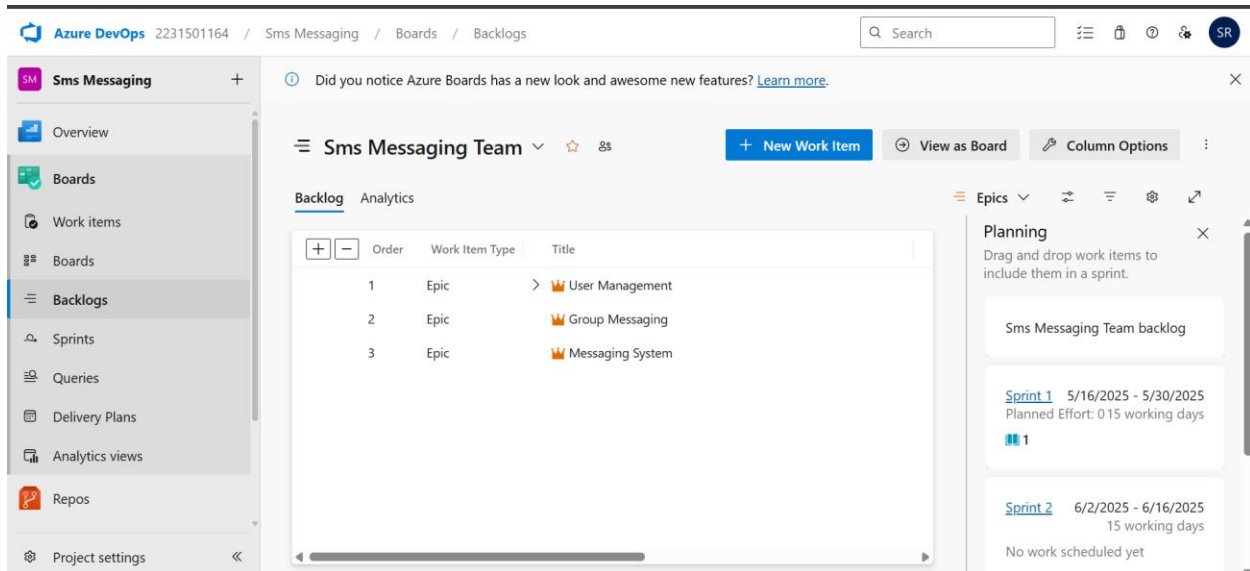
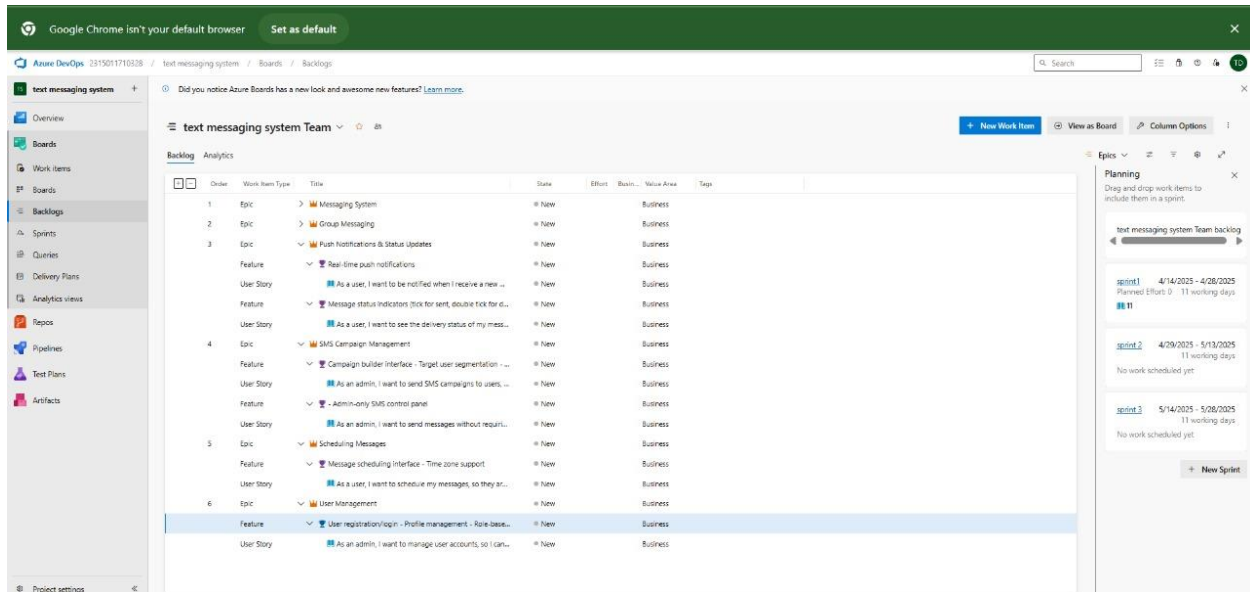
3. Once logged in, ensure you are in the correct organization. If you're part of multiple organizations, you can switch between them from the top left corner (next to your user profile). Click on the Organization name, and you should be taken to the Azure DevOps Organization Home page.

4. Project dashboard

5. To manage user stories:

a. From the **left-hand navigation menu**, click on **Boards**. This will take you to the main **Boards** page, where you can manage work items, backlogs, and sprints.

b. On the **work items** page, you'll see the option to **Add a work item** at the top. Alternatively, you can find a + button or **Add New Work Item** depending on the view you're in. From the **Add a work item** dropdown, select **User Story**. This will open a form to enter details for the new User Story.



Result: Successfully created an Azure DevOps project with user story management and agile workflow setup.

EXP NO: 3
Date :

SETTING UP EPICS, FEATURES, AND USER STORIES FOR PROJECT PLANNING

Aim:

To create epics, user stories, features, and tasks for the project, Batch Data Analysis and Visualization.

1.Create Epic, Features, User Stories, Task

The screenshot displays the Azure DevOps interface for a project named 'text messaging system Team'. The main view is the 'Backlog' tab, which lists work items in a table. The table columns are Order, Work Item Type, Title, State, Effort, Business Area, and Tags. The work items are organized into six groups, each starting with an Epic. The first group includes 'Messaging System', 'Group Messaging', and 'Push Notifications & Status Updates'. The second group includes 'Real-time push notifications', 'Message status indicators', and 'Delivery status of my messages'. The third group includes 'SMS Campaign Management', 'Campaign builder interface', 'Admin-only SMS control panel', and 'Scheduling Messages'. The fourth group includes 'User Management', 'User registration/login', and 'Profile management'. The fifth group includes 'Role-based access control' and 'As an admin, I want to manage user accounts, so I can...'. The sixth group includes 'As an admin, I want to manage user accounts, so I can...'. The right sidebar shows a 'Planning' view with a timeline of sprints. The sprints are: Sprint 1 (4/14/2025 - 4/28/2025), Sprint 2 (4/29/2025 - 5/13/2025), and Sprint 3 (5/14/2025 - 5/28/2025). Each sprint shows a planned effort of 0 and 11 working days. The 'New Sprint' button is visible at the bottom of the planning view.

Order	Work Item Type	Title	State	Effort	Business Area	Tags
1	Epic	Messaging System	New		Business	
2	Epic	Group Messaging	New		Business	
3	Epic	Push Notifications & Status Updates	New		Business	
	Feature	Real-time push notifications	New		Business	
	User Story	As a user, I want to be notified when I receive a new...	New		Business	
	Feature	Message status indicators (tick for sent, double tick for d...	New		Business	
	User Story	As a user, I want to see the delivery status of my mess...	New		Business	
4	Epic	SMS Campaign Management	New		Business	
	Feature	Campaign builder interface - Target user segmentation - ...	New		Business	
	User Story	As an admin, I want to send SMS campaigns to users, ...	New		Business	
	Feature	Admin-only SMS control panel	New		Business	
	User Story	As an admin, I want to send messages without requir...	New		Business	
5	Epic	Scheduling Messages	New		Business	
	Feature	Message scheduling interface - Time zone support	New		Business	
	User Story	As a user, I want to schedule my messages, so they an...	New		Business	
6	Epic	User Management	New		Business	
	Feature	User registration/login - Profile management - Role base...	New		Business	
	User Story	As an admin, I want to manage user accounts, so I can...	New		Business	

2.Fill in Epics

The screenshot shows the Azure DevOps interface for the 'Sms Messaging Team' backlog. The left sidebar contains navigation links: Overview, Boards, Work items, Boards, Backlogs (selected), Sprints, Queries, Delivery Plans, Analytics views, Repos, and Project settings. The main area displays the 'Backlog' tab with a table of work items. The table has columns for Order, Work Item Type, and Title. The items are:

Order	Work Item Type	Title
1	Epic	User Management
	Feature	User registration/login
	User Story	Admin access
2	Epic	Group Messaging
3	Epic	Messaging System

On the right, the 'Epics' section shows a list of sprints: 'Sprint 1' (5/16/2025 - 5/30/2025, 015 working days) and 'Sprint 2' (6/2/2025 - 6/16/2025, 15 working days). A message indicates 'No work scheduled yet'.

3. Fill in Features

The screenshot shows the 'NEW USER STORY' form in Azure DevOps. The form is titled 'Real time notifications'. The 'State' is 'New' and the 'Area' is 'Sms Messaging'. The 'Reason' is 'New' and the 'Iteration' is 'Sms Messaging/Sprint 1'. The form has several sections:

- Description:** A text area with the placeholder 'Click to add Description.'
- Acceptance Criteria:** A text area with the placeholder 'Click to add Acceptance Criteria.'
- Discussion:** A text area.
- Planning:** Fields for Story Points, Priority (set to 2), and Risk.
- Classification:** Fields for Value area and Business.
- Deployment:** A section with a message: '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:** A section with an 'Add link' button.

The bottom of the form shows 'Project settings' and a progress bar.

4.Fill in User Stories

USER STORY 3

3 As a user, I want to be able to upload multiple CSV files at once, so I can analyze them together.

No one selected0 CommentsAdd TagSave and CloseFollowDetails20

StateNewAreaBatch data analysis and visualizationReasonNewIterationBatch data analysis and visualization\Sprint 1Updated by Shri Dharshini: Mar 27

Description

Click to add Description.

Acceptance Criteria

Click to add Acceptance Criteria.

Discussion

30

Add a comment. Use # to link a work item, @ to mention a person, or ! to link a pull request.

switch to Markdown editor

Planning

Story Points

Priority2

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 the status of your development. You can also [create a branch](#) to get started.

Related Work

Result: Thus, epics, features, user stories, and tasks have been created successfully.

EXP NO: 4

Date :

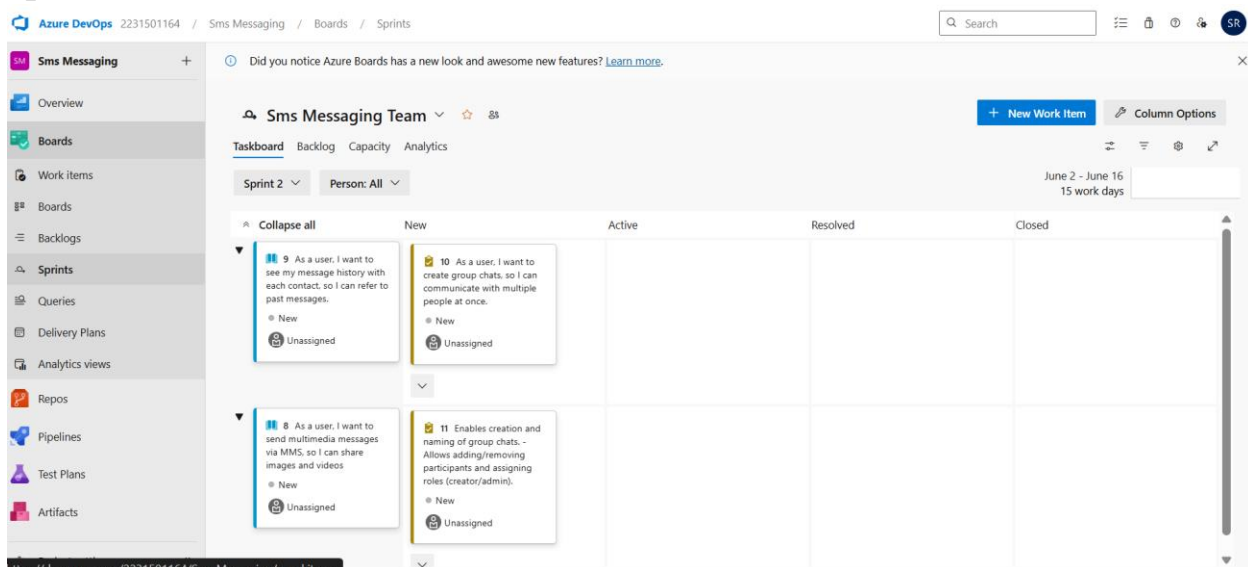
SPRINTPLANNING

Aim:

To assign a user story to a specific sprint for the project, Batch Data Analysis and Visualization.

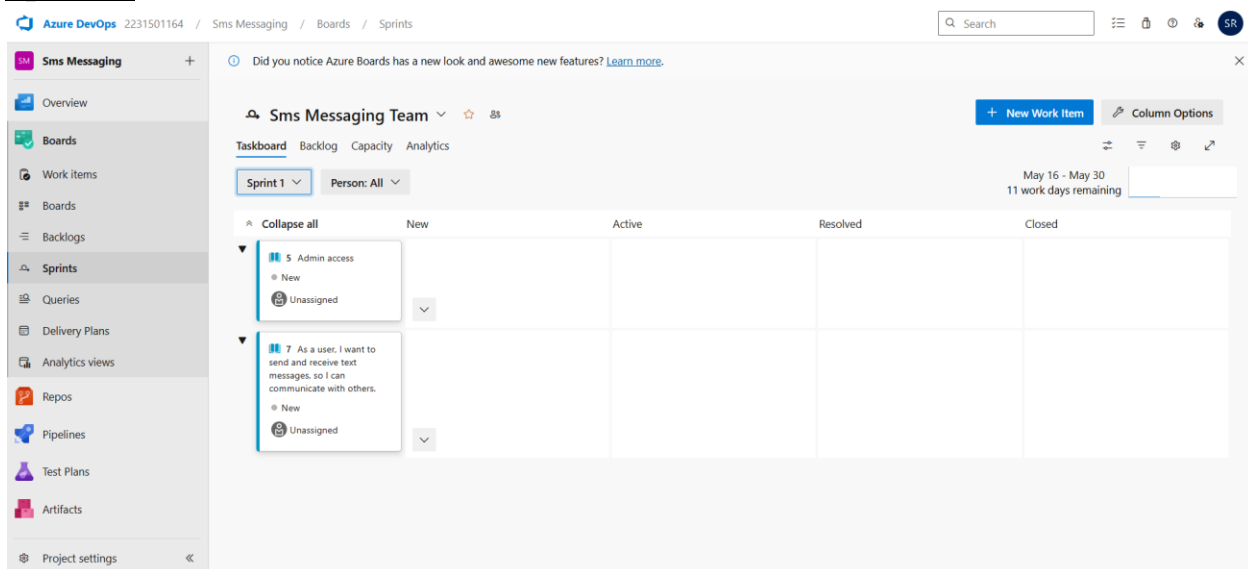
SPRINT PLANNING

Sprint 1



The screenshot shows the Azure DevOps Sprints board for the 'Sms Messaging Team'. The board is set to 'Sprint 2' and 'Person: All'. It displays a Kanban board with columns: New, Active, Resolved, and Closed. There are four user stories in the 'New' column, each with a description and a 'New' status. The board also shows a search bar, a 'New Work Item' button, and a 'Column Options' button. The date range is 'June 2 - June 16' with '15 work days' remaining.

Sprint 2



The screenshot shows the Azure DevOps Sprints board for the 'Sms Messaging Team'. The board is set to 'Sprint 1' and 'Person: All'. It displays a Kanban board with columns: New, Active, Resolved, and Closed. There are two user stories in the 'New' column, each with a description and a 'New' status. The board also shows a search bar, a 'New Work Item' button, and a 'Column Options' button. The date range is 'May 16 - May 30' with '11 work days remaining'.

Sprint 3

The screenshot displays the Azure DevOps Sprints interface for the 'Sms Messaging Team'. The left sidebar shows the navigation menu with 'Sprints' selected. The main area shows a Kanban board for 'Sprint 3' (June 17 - July 1, 15 work days). The board has columns for 'New', 'Active', 'Resolved', and 'Closed'. Two work items are visible in the 'New' column:

- Item 13: As a user, I want to see the delivery status of my messages. (New, Unassigned)
- Item 12: As a user, I want to be notified when I receive a new message. (New, Unassigned)

The interface includes a search bar at the top, a 'New Work Item' button, and a 'Column Options' button. A notification banner at the top states: 'Did you notice Azure Boards has a new look and awesome new features? [Learn more.](#)'

Result: The Sprints are created for the project, Batch Data Analysis and Visualization.

EXP NO: 5 Date :	<h1>POKERESTIMATION</h1>

Aim:

Create Poker Estimation for the user stories for the project, Batch Data Analysis and Visualization.

Poker Estimation

The screenshot displays the Azure DevOps interface for a project named 'Sms Messaging'. The left sidebar shows the navigation menu with options like Overview, Boards, Work items, Backlogs, Sprints, Queries, Delivery Plans, Analytics views, Repos, and Project settings. The main area shows a Kanban board titled 'Did you notice Azure Boards has a new look and awesome new features? Learn more.' with a search bar and navigation icons. The board is currently showing 13 work items, all of which are 'New' and 'Unassigned'. The work items are listed in a table with columns for ID, Title, Assigned To, State, and Area Path.

ID	Title	Assigned To	State	Area Path
13	As a user, I want to see the delivery status of my messages.	Unassigned	New	Sms Mess.
12	As a user, I want to be notified when I receive a new message.	Unassigned	New	Sms Mess.
11	Enables creation and naming of group chats. - Allows adding/removir	Unassigned	New	Sms Mess.
10	As a user, I want to create group chats, so I can communicate with mu	Unassigned	New	Sms Mess.
9	As a user, I want to see my message history with each contact, so I car	Unassigned	New	Sms Mess.
8	As a user, I want to send multimedia messages via MMS, so I can shar	Unassigned	New	Sms Mess.
7	As a user, I want to send and receive text messages, so I can commun	Unassigned	New	Sms Mess.

Result: The Estimation/Story Points is created for the project using Poker Estimation.

EXP NO: 6
Date :

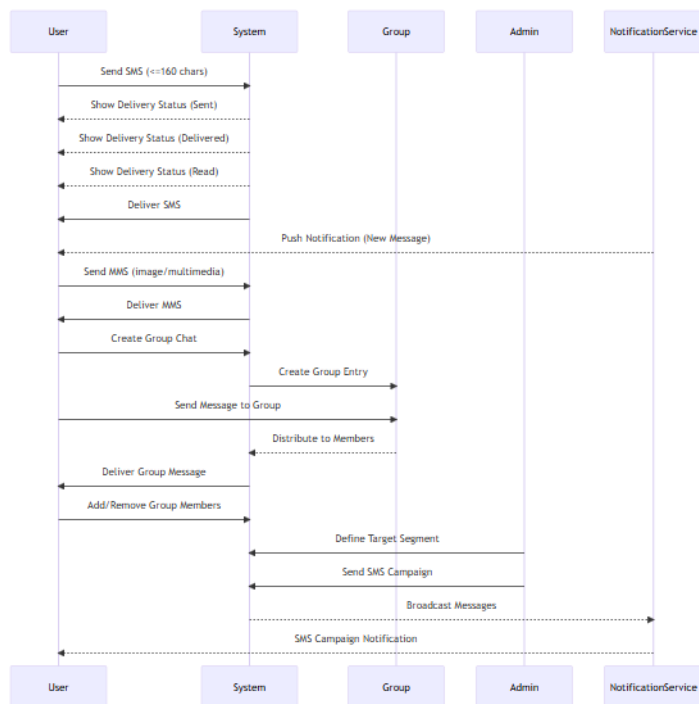
DESIGNING CLASS DIAGRAM AND SEQUENCE DIAGRAM

Aim:

To design a Class Diagram and Sequence Diagram for the project, Batch Data Analysis and Visualization.

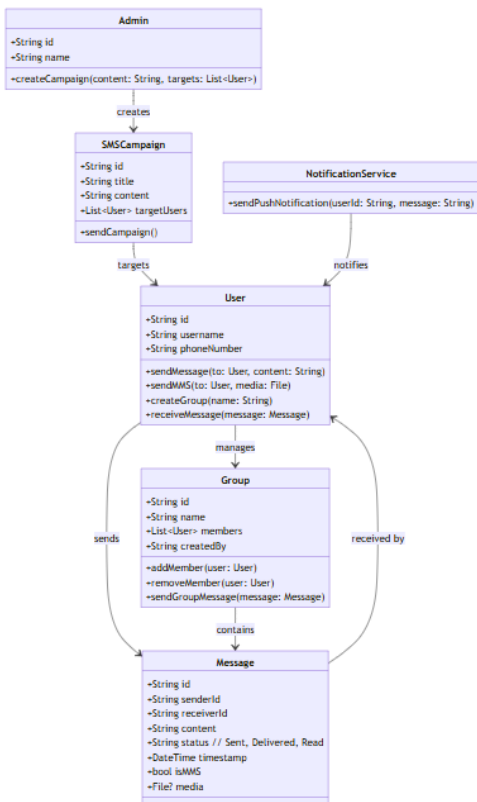
6A. Class Diagram

SMS Message texting



6B. Sequence Diagram

SMS Message texting Class diagram



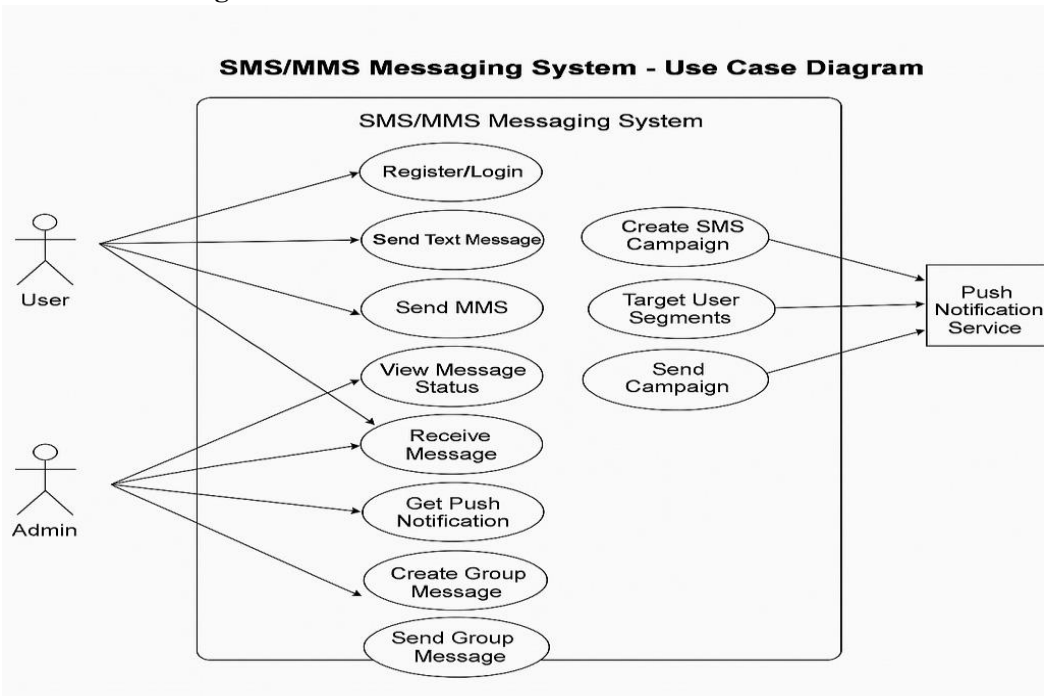
Result: The Class and Sequence Diagrams are designed successfully for the project, SMS Message System.

EXP NO: 7 Date :	DESIGNING USE CASE DIAGRAM AND ACTIVITY DIAGRAM

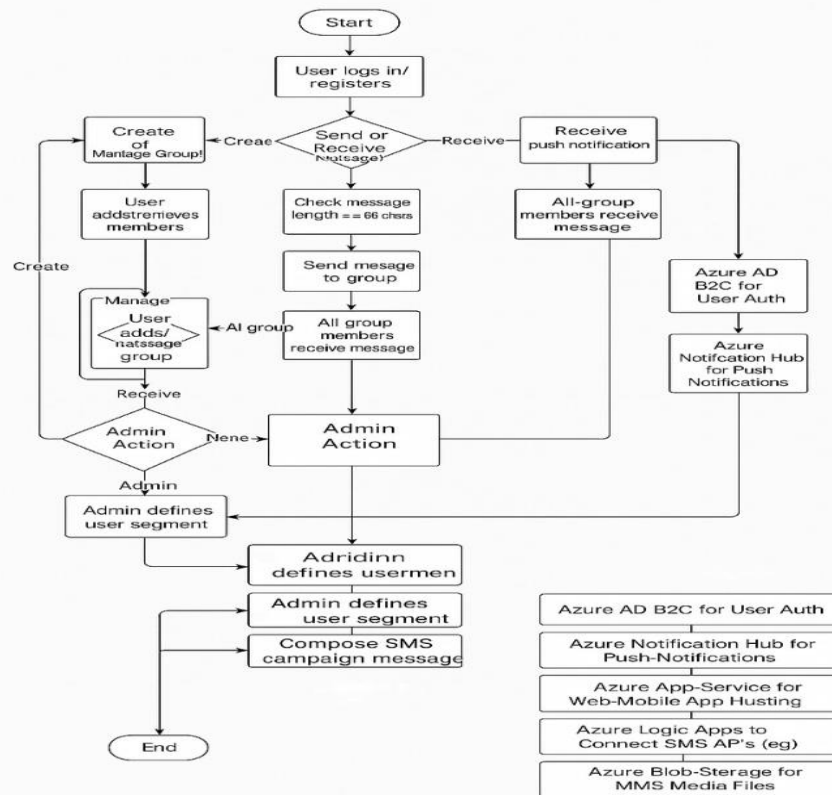
Aim:

To design a Use Case Diagram and an Activity Diagram for the project, SMS Messaging System

7A. Use Case Diagram



7B. Activity Diagram



Result: The Use Case and Activity Diagrams are designed successfully for the project, Batch Data Analysis and Visualization.

EXP NO: 8 Date :	TESTING – TEST PLANS AND TEST CASES
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Aim:

Test Plans and Test Case and write two test cases for at least five user stories showcasing the happy path and error scenarios in azure DevOps platform.

Test Planning and Test Case

Test Case Design Procedure 1. Understand Core

Features of the Application

1. User Authentication
2. Uploading and Managing Batch Data Files
3. Running Batch Analysis Jobs
4. Viewing Interactive Visualizations and Charts
5. Exporting Analysis Results

2. Define User Interactions

- Simulate real scenarios (e.g., upload dataset, trigger job, download result).

3. Design Happy Path Test Cases

- Validate all main functions work properly (e.g., successful login, upload, and visualization).

4. Design Error Path Test Cases

- Simulate unexpected or invalid user behavior (e.g., upload fails, unsupported file, job timeout).

5. Break Down Steps and Expected Results

- Each test case includes step-by-step actions and expected outcomes.

6. Use Clear Naming and IDs

- Example: TC01 – Successful File Upload, TC08 – Visualization Fails.

7. Separate Test Suites

- Suites grouped by modules (Login, File Upload, Job Execution, Visualization, Export).

8. Prioritize and Review

- Critical test cases marked as High Priority.
- Mapped to user stories in Azure DevOps.

1.New test plan

The screenshot shows the 'New Test Plan' form in Azure DevOps. The left sidebar contains a navigation menu with options: Overview, Boards, Repos, Pipelines, Test Plans (selected), Test plans, Progress report, Parameters, Configurations, Runs, and Project settings. The main form has the following fields:

- Name ***: A text input field containing 'Login'.
- Area Path ***: A dropdown menu showing 'Sms Messaging'.
- Iteration ***: A dropdown menu showing 'Sms Messaging\Sprint 3' with a date range '6/17/2025 - 7/1/2025'.

At the bottom right of the form are two buttons: 'Create' (blue) and 'Cancel' (grey).

2.Test suite

The screenshot shows the 'Test Suites' view in Azure DevOps. The left sidebar is identical to the previous screenshot, with 'Test Plans' selected. The main area displays the 'Test Suites' for the 'Login' test plan. The top of the main area shows the date range 'Jun 17 - Jul 1' and the status 'Future'. Below this, there is a 'Filter suites by name' search bar. The list of test suites includes:

- Login (expanded)
- chats display
- dashboard check

On the right side of the main area, there are three tabs: 'Define' (selected), 'Execute', and 'Ch'.

3. Test case

Give two test cases for at least five user stories showcasing the happy path and error scenarios in azure DevOps platform.

Batch Data Analysis and Visualization – Test Plans

USER STORIES

- As a user, I want to log in using my username and password so that I can access my account.
- As a user, I should not be able to submit the login form with empty fields so that I can provide the required data.
- As a user, I want to log out when I click the logout button so that I can end my session securely.
- As a user, I want to be redirected to the login page after logging out so that I know my session has ended and I can log in again if needed.
- As a user, I want to be able to upload multiple CSV files at once, so I can analyze them together.

Test Suites

Test Suite: TS01 - User Authentication (ID: 54)

1. TC01 – Successful Login ○

Action:

- Navigate to the login page
- Enter valid credentials
- Click "Login" ○

Expected Results:

- User redirected to dashboard.

○ **Type:** Happy Path

2. TC02 – Prevent Login with

Empty Fields ○ **Action:**

- Navigate to the login page.
- Leave username and/or password fields empty.
- Click on "Login".

○ **Expected Results:**

- Validation error message is shown prompting user to fill required fields.
- **Type:** Error Path ○

Test Suite: TS02 - Logout Functionality(ID: 47)

1. TC03 – Successful Logout and Redirect ○

Action:

- Log in successfully.
- Click the "Logout" button.
- **Expected Results:**
 - User session ends.
 - User is redirected to the login page.
- **Type:** Happy Path

2. TC04– Access Protected Page After

Logout ○ Action:

- Logout.
- Attempt to navigate back to a protected page (e.g., dashboard) via browser back button or URL.
- **Expected Results:**
 - User is redirected to the login page and denied access.
- **Type:** Error Path

Test Suite: TS03 - CSV Upload Functionality (ID: 88)

1. TC05 – Upload Multiple Valid CSV Files ○

Action:

- Log in successfully
- Navigate to the CSV upload section
- Select multiple valid .csv files
- Click "Upload"
- **Expected Results:**
 - All files are uploaded successfully.
 - Files are listed and ready for analysis.
- **Type:** Happy Path

2. TC06 – Upload Attempt Without Selecting

Files ○ Action:

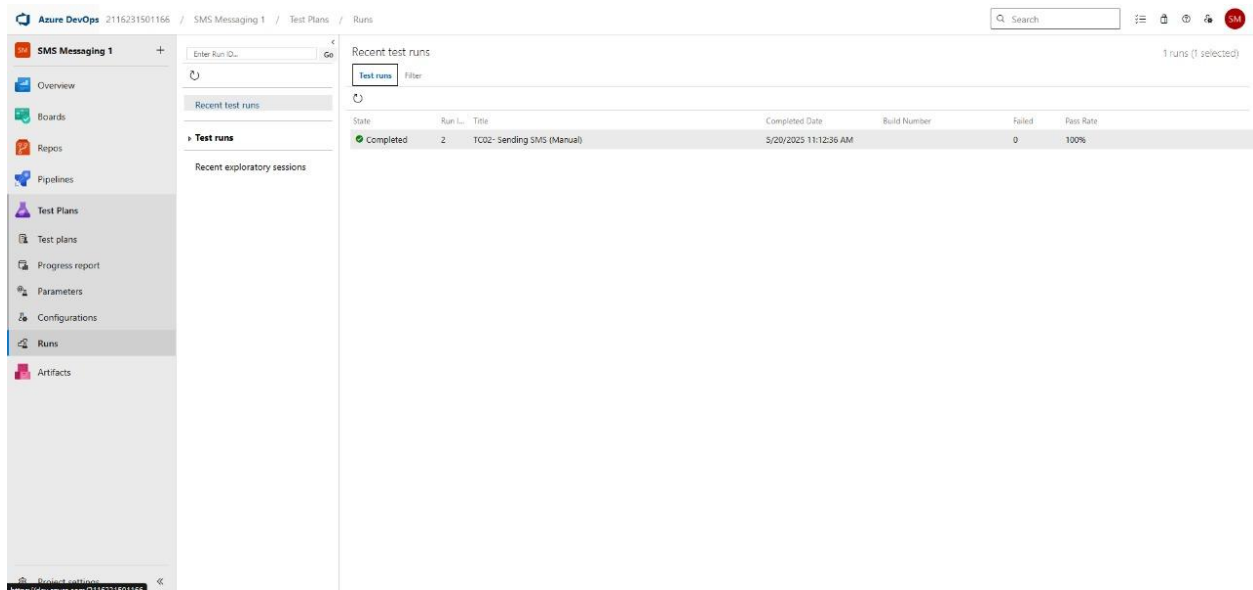
- Navigate to the CSV upload section
- Click "Upload" without selecting any files.

○ Expected Results:

- Validation message prompting the user to select at least one file.

Type: Error Path

Test Cases



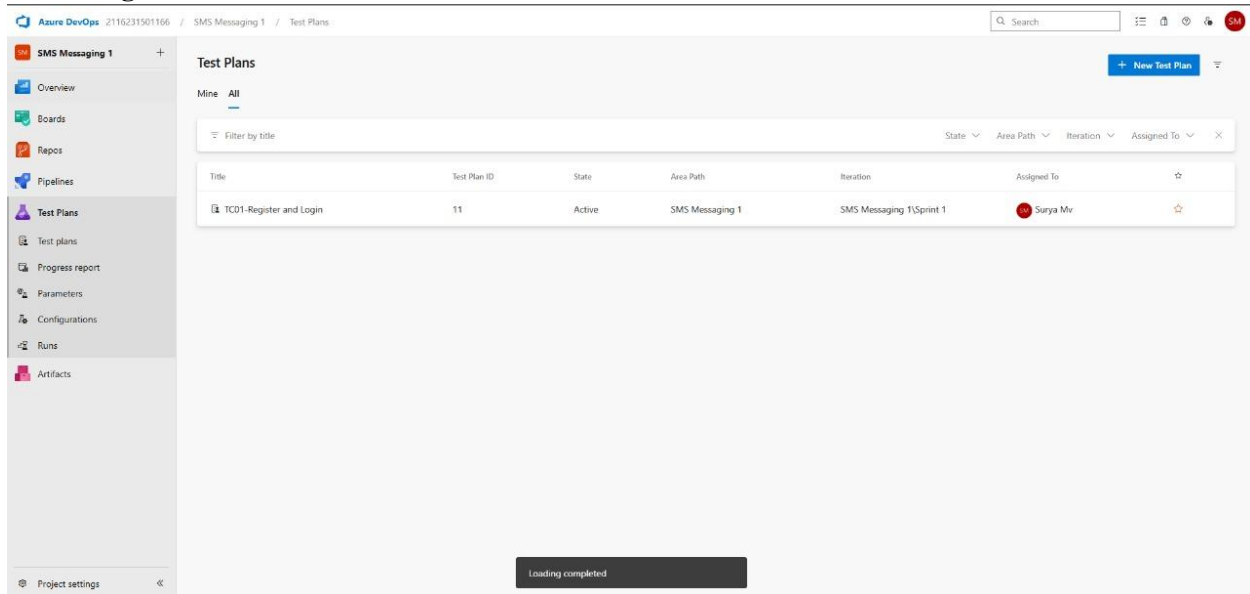
The screenshot displays the Azure DevOps interface for a project named 'SMS Messaging 1'. The left sidebar shows the navigation menu with 'Runs' selected. The main area shows the 'Recent test runs' table. The table has columns for State, Run ID, Title, Completed Date, Build Number, Failed, and Pass Rate. One run is listed with a 'Completed' state, Run ID '2', Title 'TC02- Sending SMS (Manual)', Completed Date '5/20/2025 11:12:36 AM', Build Number '0', and a Pass Rate of '100%'.

State	Run ID	Title	Completed Date	Build Number	Failed	Pass Rate
Completed	2	TC02- Sending SMS (Manual)	5/20/2025 11:12:36 AM	0	0	100%

Test and feedback

Showing it as an extension


4. Running the test cases



The screenshot displays the Azure DevOps Test Plans interface. The left sidebar contains navigation links for Overview, Boards, Repos, Pipelines, Test Plans (selected), Test plans, Progress report, Parameters, Configurations, Runs, and Artifacts. The main area shows the 'Test Plans' section for the project 'SMS Messaging 1'. A table lists the test plans, with one entry visible: 'TC01-Register and Login' with ID '11', State 'Active', Area Path 'SMS Messaging 1', Iteration 'SMS Messaging 1\Sprint 1', and Assigned To 'Surya Mv'. A 'Loading completed' message is shown at the bottom.

Title	Test Plan ID	State	Area Path	Iteration	Assigned To
TC01-Register and Login	11	Active	SMS Messaging 1	SMS Messaging 1\Sprint 1	Surya Mv

...



Your response was submitted.

Important thing you can do next


Save my response

[Submit another response](#)

Microsoft Forms

Get set for your own event invitation!

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Azure DevOps

2116231501166 / SMS Messaging 1 / Test Plans

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SMS Messaging 1

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Pipelines

Test Plans

Test plans

Progress report

Parameters

Configurations

Runs

Artifacts

Project settings

⏪

Test Plans

New Test Plan

⌵

Mine

All

Title	Test Plan ID	State	Area Path	Iteration	Assigned To	☆
My Favorites						
No favorites yet! Favorite 🌟 a test plan to quickly access it!						
➤ SMS Messaging 1 Team						

Azure DevOps 2116231501164 / SMS Messaging 1 / Test Plans

Search

SMS Messaging 1

- Overview
- Boards
- Repos
- Pipelines
- Test Plans
- Test plans
- Progress report
- Parameters
- Configurations
- Runs
- Artifacts

Project settings

New Test Plan

Name *

Enter a plan name

Area Path *

SMS Messaging 1

Iteration *

SMS Messaging 1\Sprint 1 5/16/2025 - 5/29/2025

Create Cancel

8. Test case results

#20250518.1 • Set up CI with Azure Pipelines

Failed Messaging

Rerun failed jobs Run new

This run will be cleaned up after 1 month based on your project settings.

Summary Code Coverage

Individual CI by Supraja R

Repository and version

Sms Messaging

main c6d3cd8f

Time started and elapsed

Just now

<1s

Related

0 work items

0 artifacts

Tests and coverage

Get started

View 3 changes

Errors 1

No hosted parallelism has been purchased or granted. To request a free parallelism grant, please fill out the following form <https://aka.ms/azpipelines-parallelism-request>

20250518.1

View documentation for troubleshooting failed runs

Jobs

Name	Status	Duration
Job	Failed	

5. Test report summary

- Assigning bug to the developer and changing state

6.Progress report

The screenshot shows the 'Test Points' section of a test case in Azure DevOps. The test case is 'TC02- Sending SMS (ID: 15)'. The 'Test Points' table shows one item, 'Login successful', which is currently 'In Progress'. The table columns are: Title, Outcome, Order, Test Case Id, Configuration, and Tester.

Title	Outcome	Order	Test Case Id	Configuration	Tester
Login successful	In Progress	1	16	Windows 10	Surya Mv

7.View the new test case template

The screenshot shows the 'Test Case' template editor in Azure DevOps. The left sidebar contains 'Organization Settings' and a 'Search Settings' bar. The main area is titled 'All processes > BATCH DATA ANALYSIS > Test Case'. It includes a 'Layout' tab and a 'Steps' section with a 'Text (multiple lines)' field. The right sidebar contains sections for 'Recent test results', 'Deployment', 'Development', 'Related Work', 'Status', 'Priority', and 'Automation status'.

Result:The test plans and test cases for the user stories is created in Azure DevOps with Happy Path and Error Path.

EXP NO: 9 Date:	CI/CD PIPELINES IN AZURE

Aim:

To create and demonstrate an Azure DevOps pipeline for automating application builds, tests, and deployment.

PROCEDURE:

Steps to Create and implement pipelines in Azure:

1. Sign in to Azure DevOps and Navigate to Your Project
Log in to dev.azure.com, select your organization, and open the project where your Student Management System code resides.
2. Connect a Code Repository (Azure Repos or GitHub)
Ensure your application code is stored in a Git-based repository such as Azure Repos or GitHub. This will be the source for triggering builds and deployments in your pipeline.
3. Create a New Pipeline
Go to the Pipelines section on the left panel and click “Create Pipeline”. Choose your source (e.g., Azure Repos Git or GitHub), and then select the repository containing your project code.
4. Choose the Pipeline Configuration
You can select either the YAML-based pipeline (recommended for version control and automation) or the Classic Editor for a GUI-based setup. If using YAML, Azure DevOps will suggest a template or allow you to define your own.
5. Define Build Stage (CI - Continuous Integration) from YAML file
6. Install dependencies (e.g., npm install, dotnet restore)

7. Build the application (dotnet build, npm run build)
8. Run unit tests (dotnet test, npm test)
9. Publish build artifacts to be used in the release stage
10. Save and Run the Pipeline for the First Time

Save the YAML or build definition and click “Run”.

Azure will fetch the latest code and execute the defined build and test stages.
11. Configure Continuous Deployment (CD)

Navigate to the Releases tab under Pipelines and click “New Release Pipeline”. Add an Artifact (from the build stage) and create a new Stage (e.g., Development, Production).
12. Configure the CD stage with deployment tasks such as deploying to Azure App Service, running database migrations or scripts, and restarting services using the Azure App Service Deploy task linked to your subscription and app details.
13. Set Triggers and Approvals

Enable continuous deployment trigger so the release pipeline runs automatically after a successful build.

For production environments, configure pre-deployment approvals to ensure manual verification before release.
14. Monitor Pipelines and Manage Logs

View all pipeline runs under the Runs section.

Check logs for build/test/deploy stages to debug any errors.

You can also integrate email alerts or Microsoft Teams notifications for build failures.
15. Review and Maintain Pipelines

Regularly update your pipeline tasks or YAML configurations as your application grows. Ensure pipeline runs are clean and artifacts are stored securely.

Integrate quality gates and code coverage policies to maintain code quality.

Pipeline

The screenshot displays the Azure DevOps web interface for a pipeline named "Batch Data Analysis and Visualization (5)". The left sidebar shows the navigation menu with options like Overview, Boards, Repos, Pipelines, Environments, Library, Test Plans, and Artifacts. The main content area shows the details of a specific pipeline run, #20250517.1, which is in a "Success" state. The "Summary" tab is active, showing the build's details, including the repository, version, and the jobs executed. A table at the bottom lists the jobs, showing a single job named "Job" that completed successfully in 2 seconds.

Azure DevOps nikshithahankrishnan2005 / Batch Data Analysis and Vis... / Pipelines / Batch Data Analysis and Vis... / 20250517.1

#20250517.1 • Set up CI with Azure Pipelines [Run new](#)

[View retention leases](#)

Summary Code Coverage

Individual CI by **NIKSHITHA H**

Repository and version: **Batch Data Analysis and Visualization** **main** **aa225b1d**

Time started and elapsed: **Just now** **20s**

Related: **0** work items **0** artifacts

Tests and coverage: [Get started](#) [View 4 changes](#)

Jobs

Name	Status	Duration
Job	Success	2s

[Project settings](#)

Result:

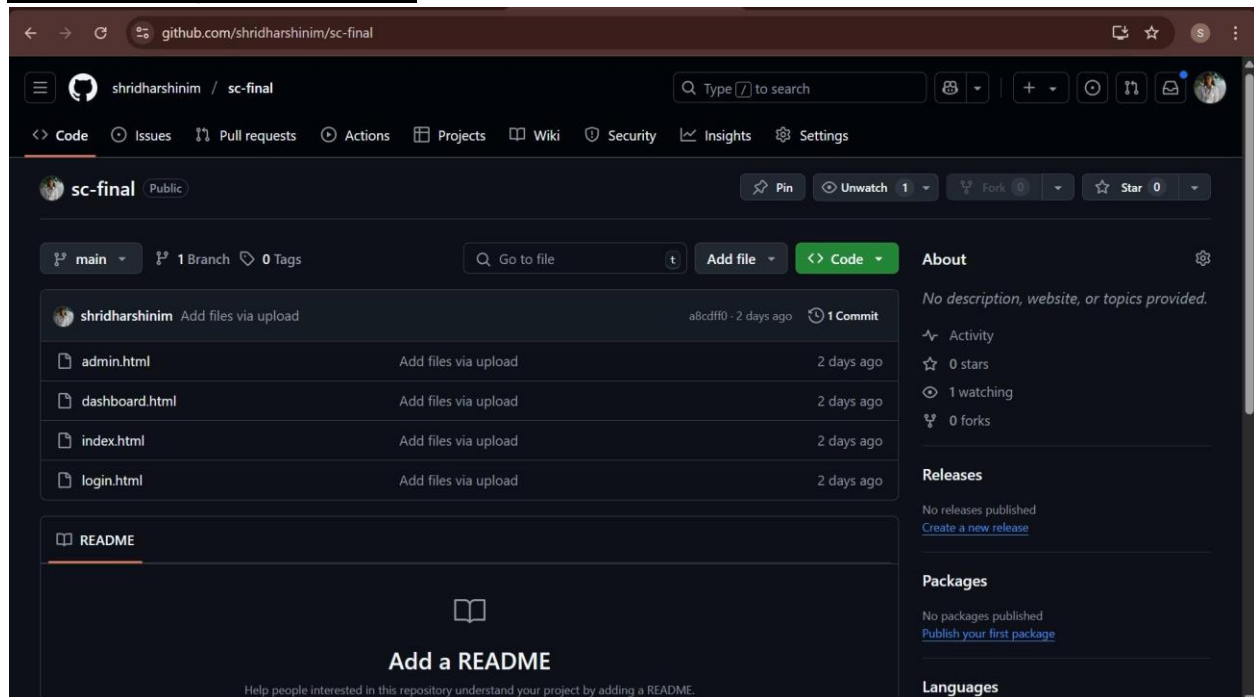
Successfully demonstrated pipelines in azure devops

EXP NO: 10 Create Epic, Features, User Stories, Task Date :	<h2 style="text-align: center;">GITHUB: PROJECT STRUCTURE & NAMING CONVENTIONS</h2>
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Aim:

To provide a clear and organized view of the project's folder structure and file naming conventions, helping contributors and users easily understand, navigate, and extend the Music Playlist Batch Creator project.

GitHub Project Structure



Result:

The GitHub repository clearly displays the organized project structure and consistent naming conventions, making it easy for users and contributors to understand and navigate the codebase.