



**RAJALAKSHMI
ENGINEERING COLLEGE**

An AUTONOMOUS Institution
Affiliated to ANNA UNIVERSITY, Chennai

DEPARTMENT OF INFORMATION TECHNOLOGY

LAB MANUAL

CS23432 – Software Construction

(REGULATION 2023)

RAJALAKSHMI ENGINEERING COLLEGE

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Semester: IV

Academic Year: 2024 - 2025

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10.	02/05/25	GitHub: Project Structure & Naming Conventions.

EX NO: 1 Date:22/01/2025	AZURE DEVOPS ENVIRONMENT SETUP
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Aim: To set up and access the Azure DevOps environment by creating an organization through the Azure portal.

INSTALLATION

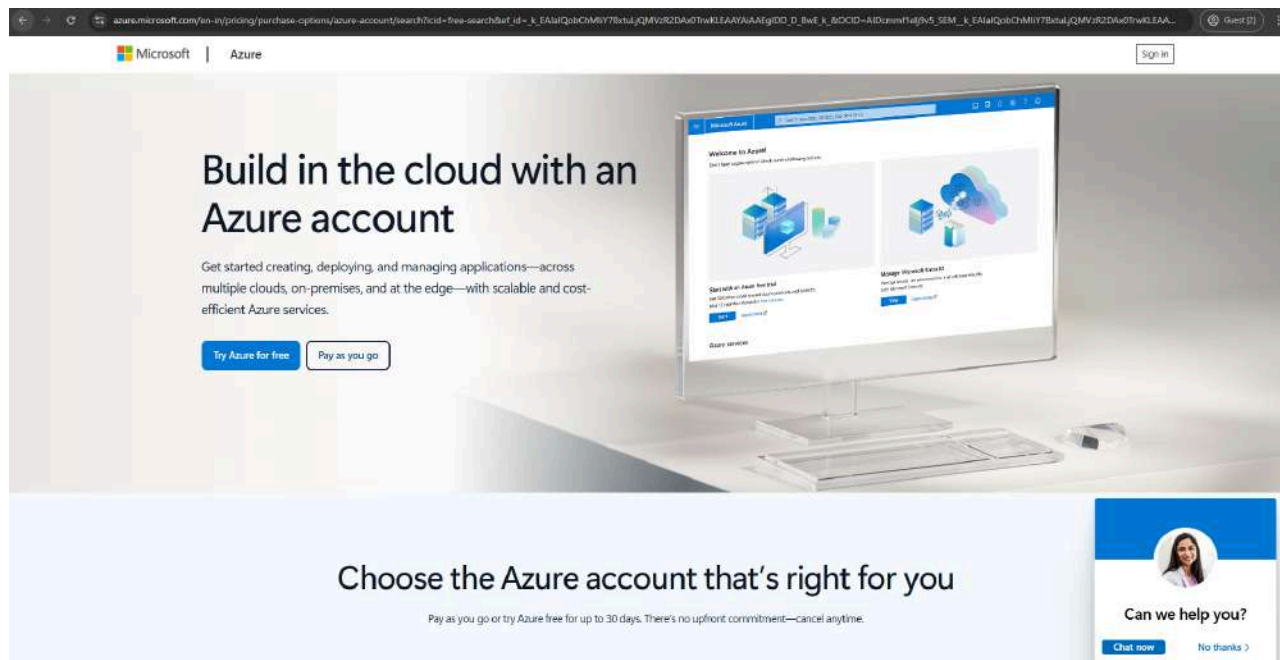
1. Open your web browser and go to the Azure website:

<https://azure.microsoft.com/en-us/get-started/azure-portal>.

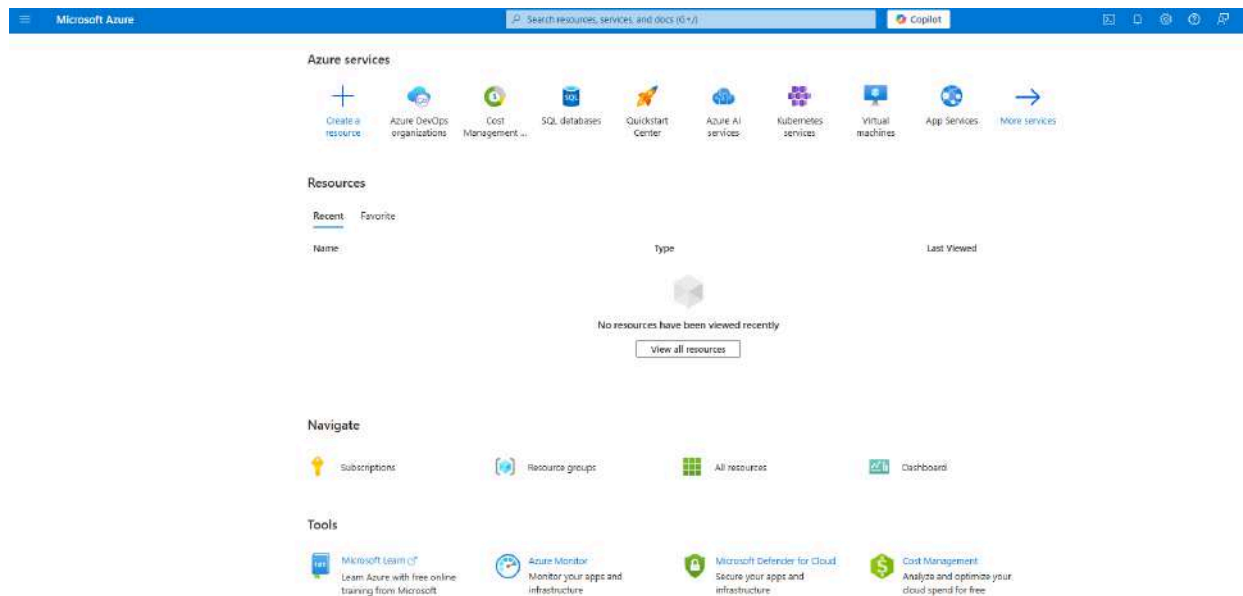
Sign in using your Microsoft account credentials.

If you don't have a Microsoft account, you can create one here:

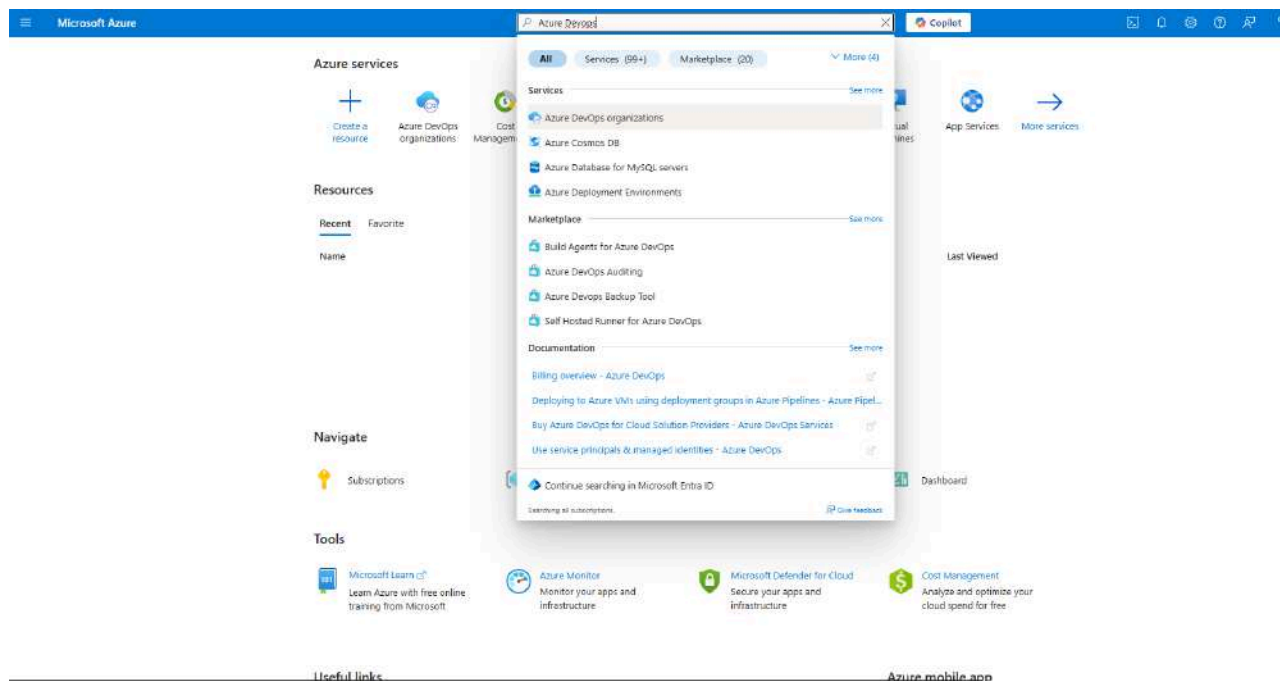
<https://signup.live.com/?lic=1>



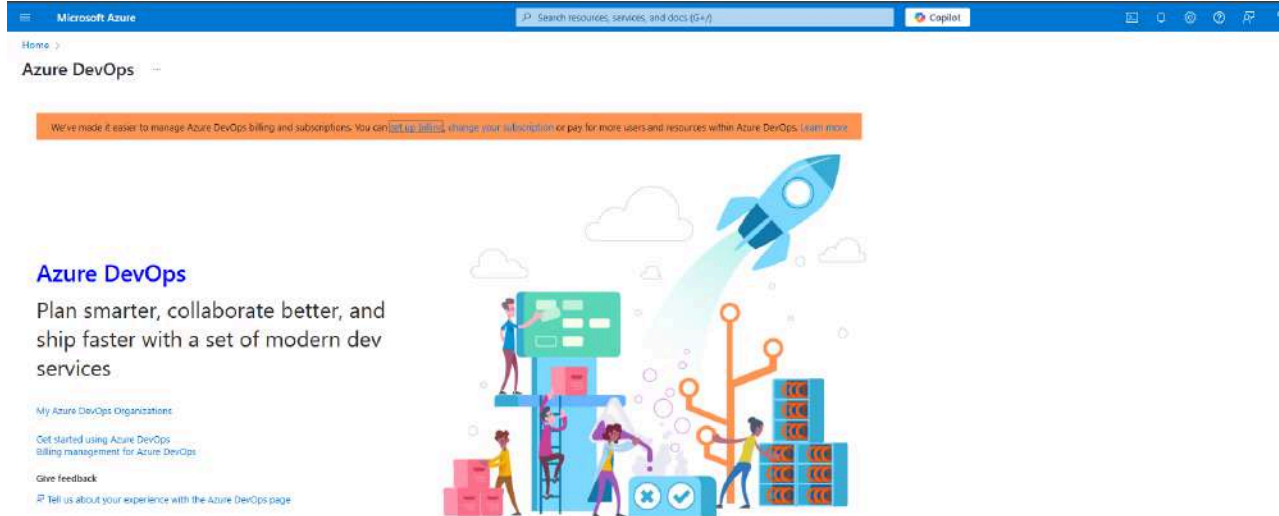
2. Azure home page



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



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



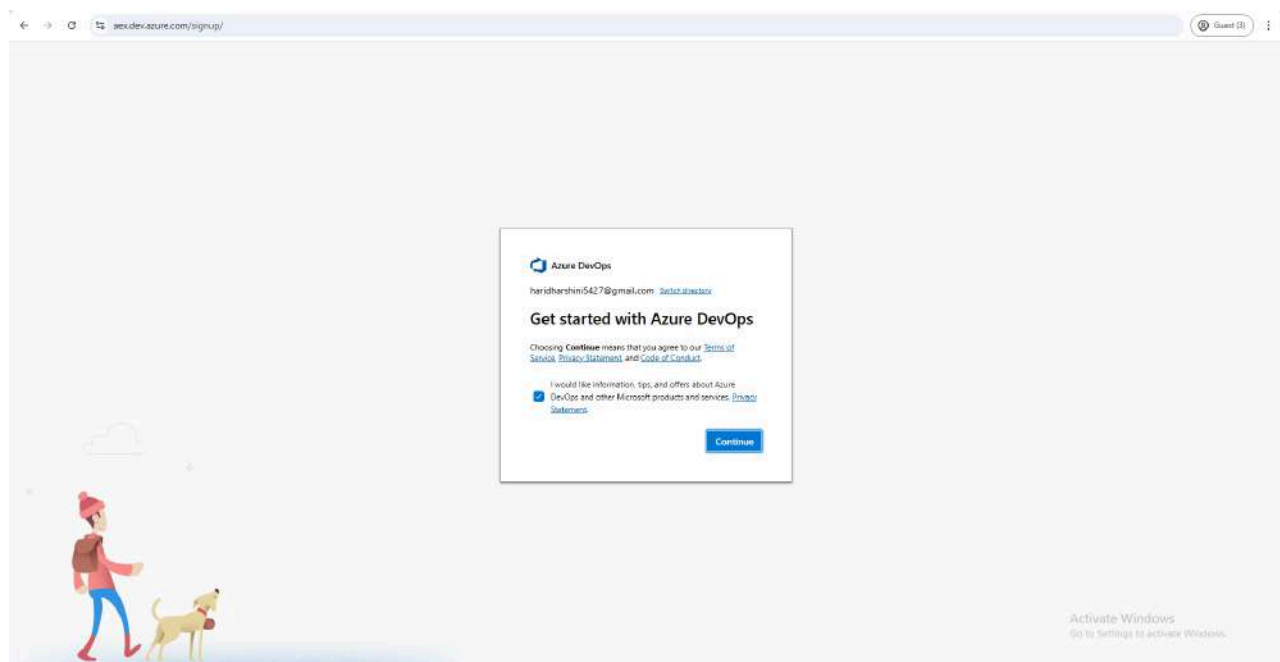
Result:

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

EX NO:2	AZURE DEVOPS PROJECT SETUP AND USER STORY MANAGEMENT
Date: 07/02/2025	

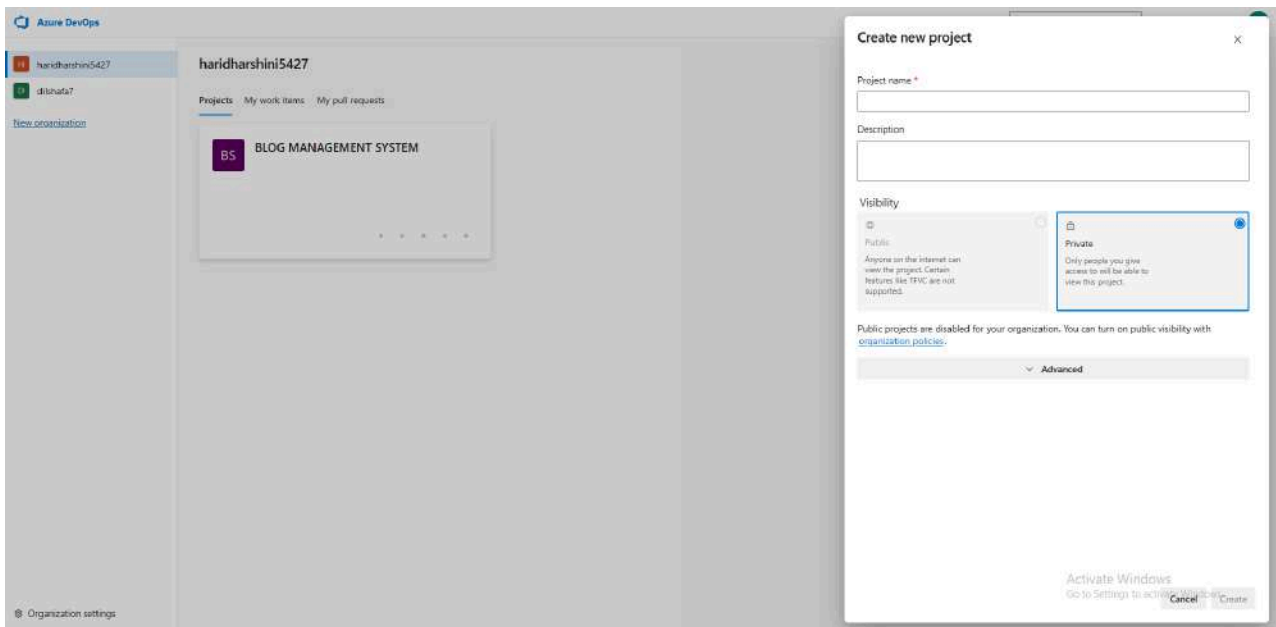
Aim: To set up an Azure DevOps project for efficient collaboration and agile work management.

1.Create An Azure Account

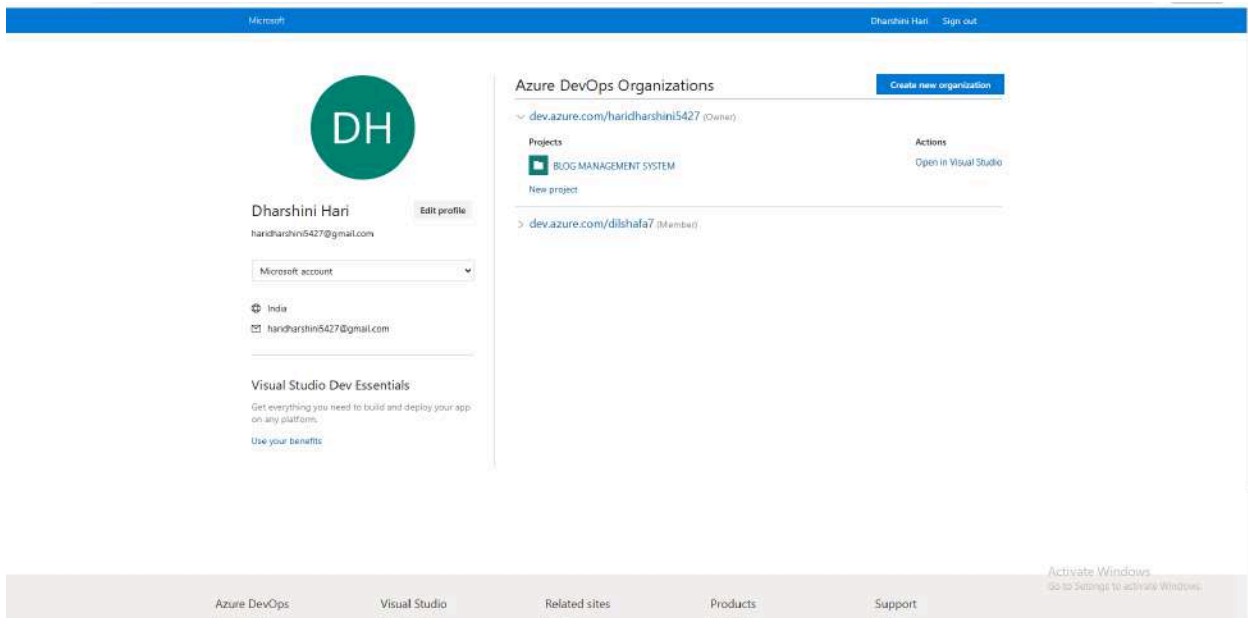


2.Create the First Project in Your Organization

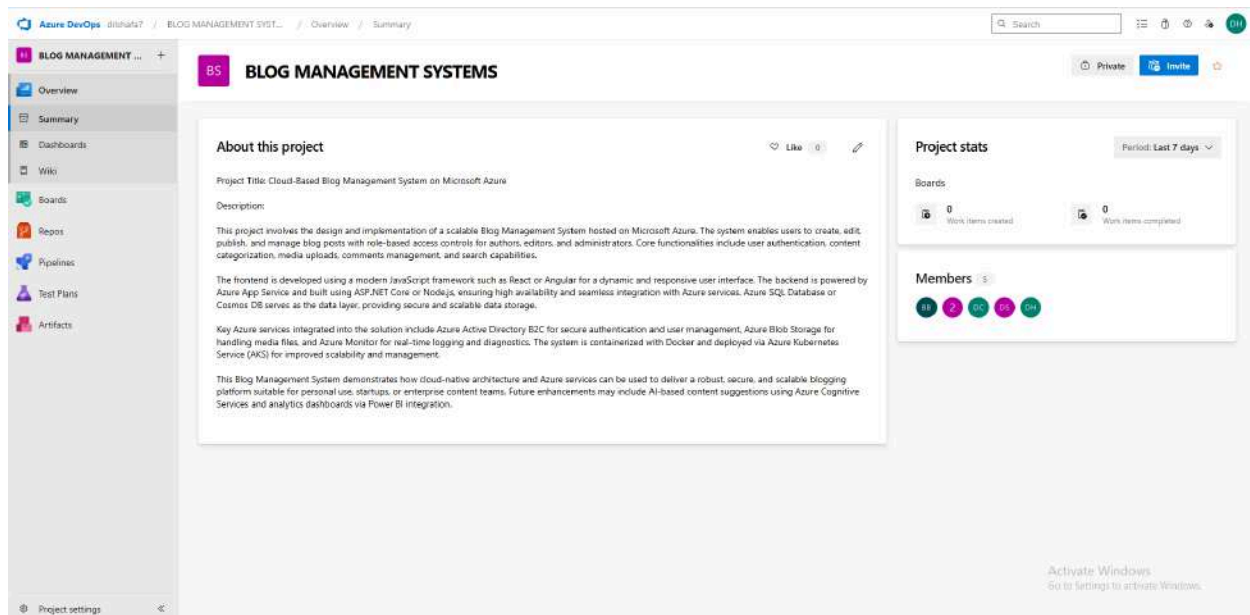
- After the organization is set up, you'll need to create your first **project**. This is where you'll begin to manage code, pipelines, work items, and more.
- On the organization's **Home page**, click on the **New Project** button.
- Enter the project name, description, and visibility options:
 - Name:** 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).
- Once you've filled out the details, click **Create** to set up your first project.



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.

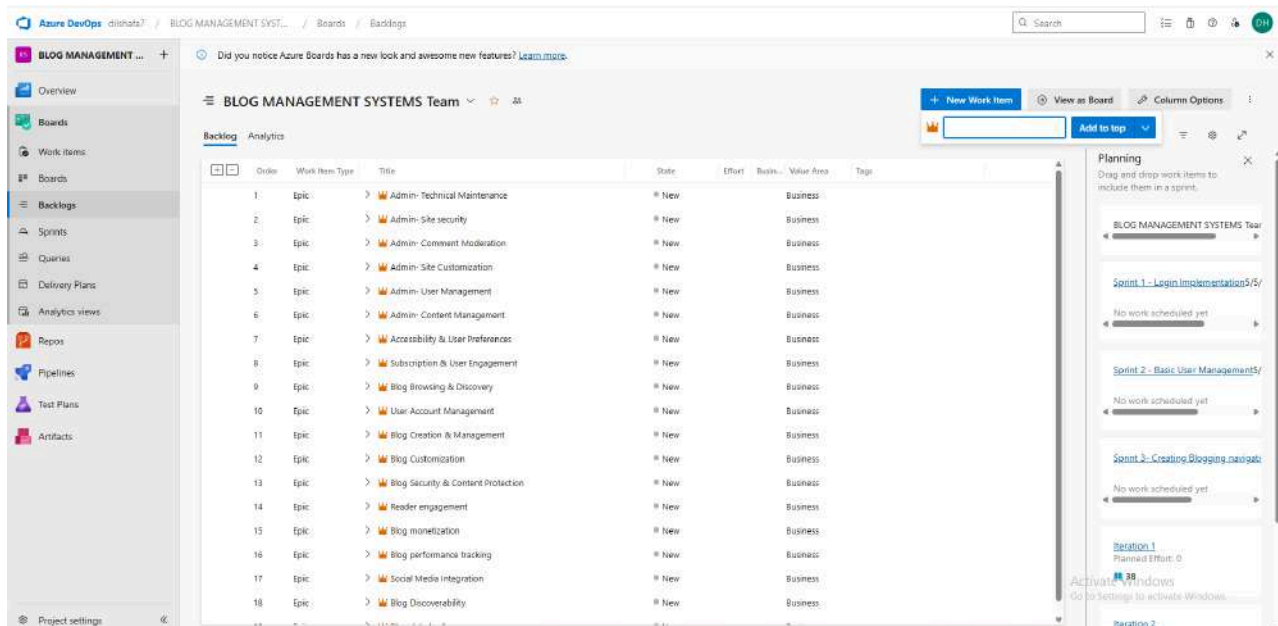


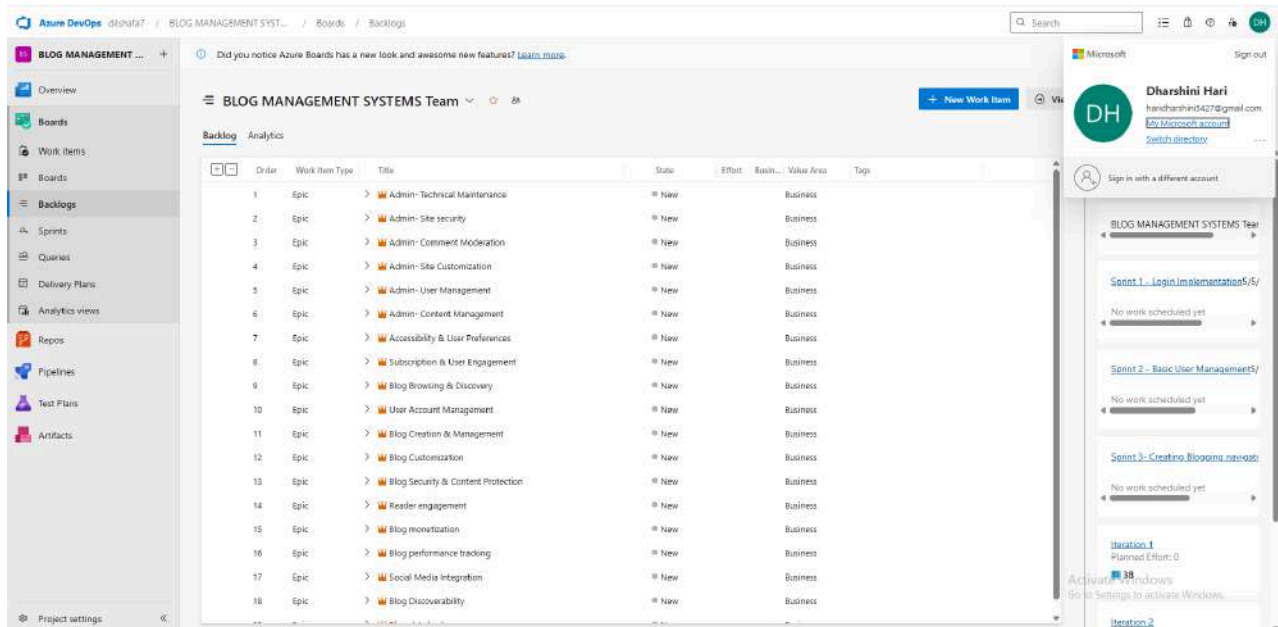
4. Project dashboard



5. To manage user stories:

- 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.
- 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.

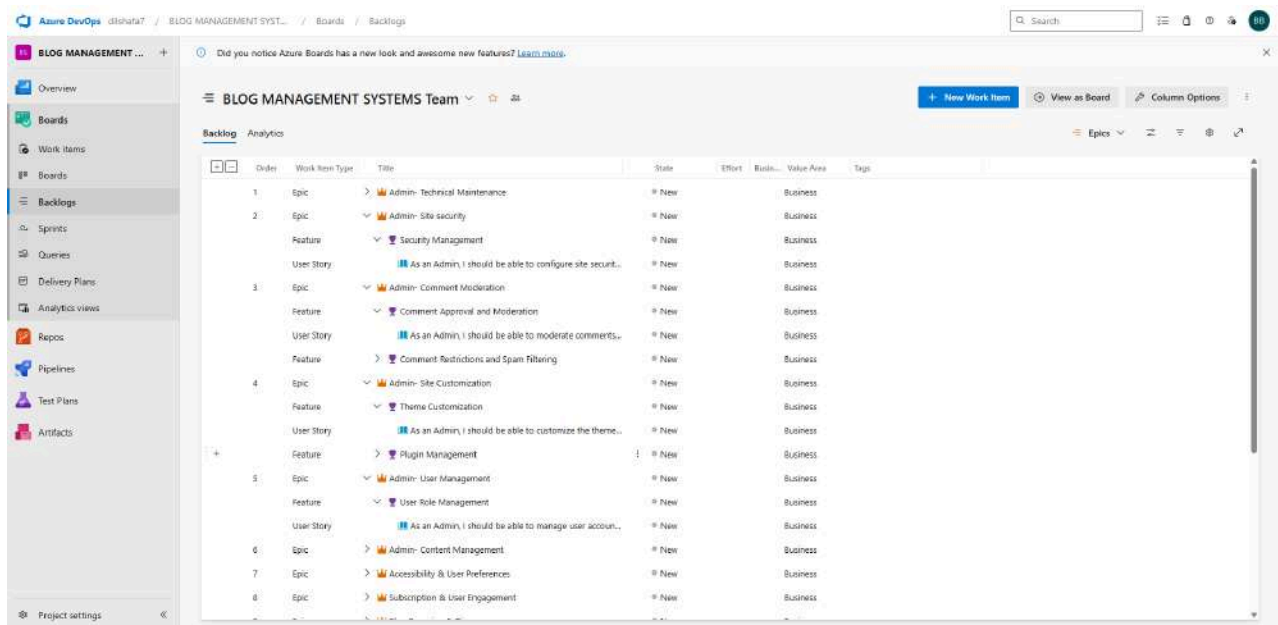
EX NO: 3

Date: 14/02/2025

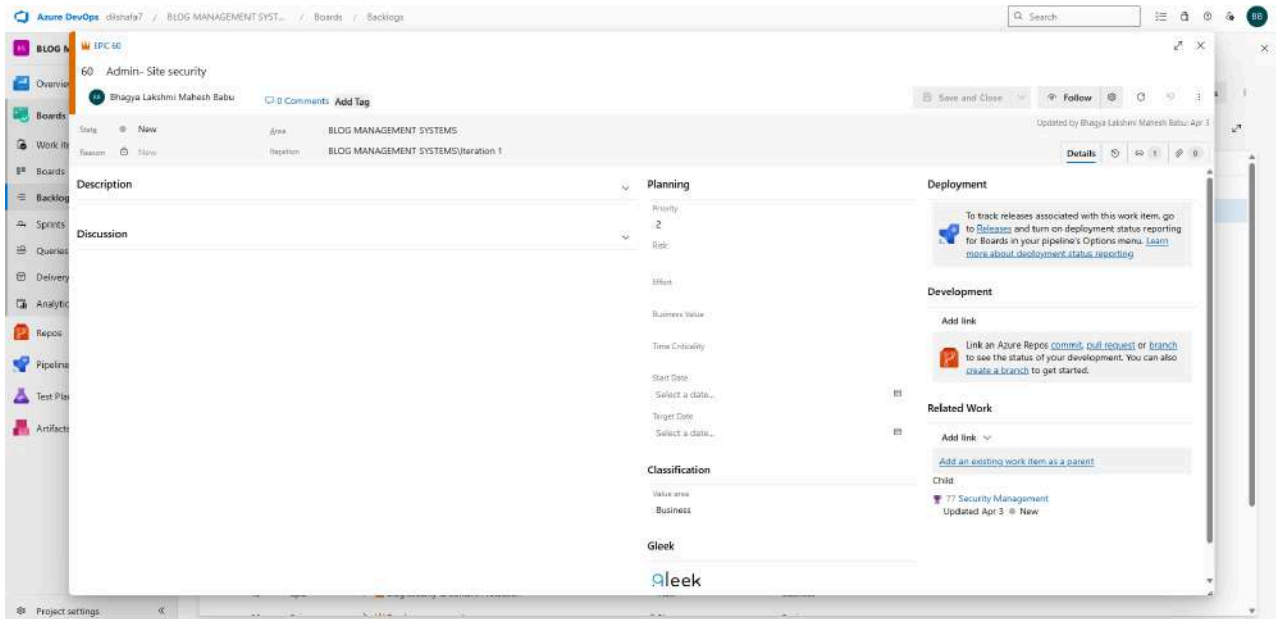
SETTING UP EPICS, FEATURES, AND USER STORIES FOR PROJECT PLANNING

Aim: To learn about how to create epics, user story, features, backlogs for your assigned project.

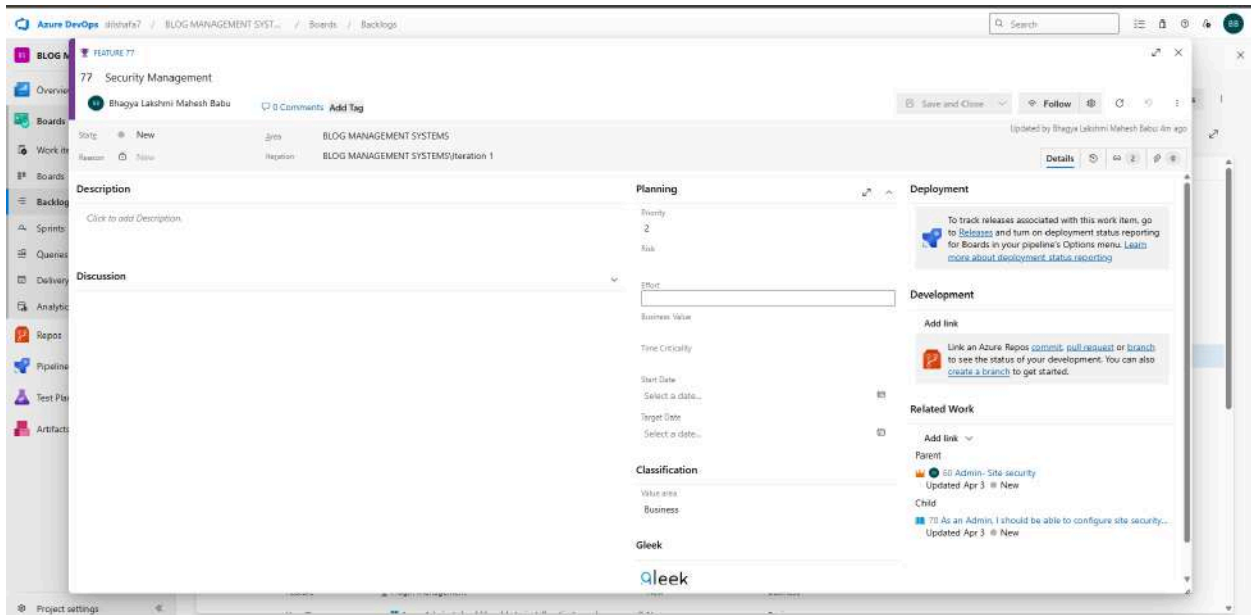
Create Epic, Features, User Stories, Task



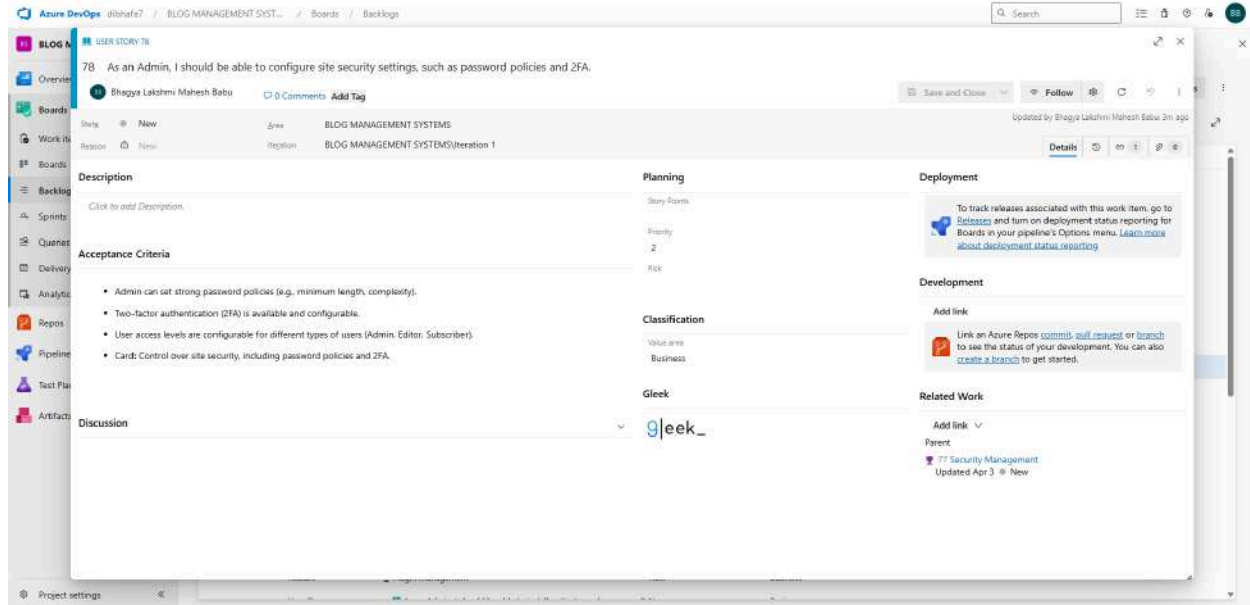
1.Fill in Epics



2.Fill in Features



3.Fill in User Story Details



Result:

Thus, the creation of epics, features, user story and task has been created successfully.

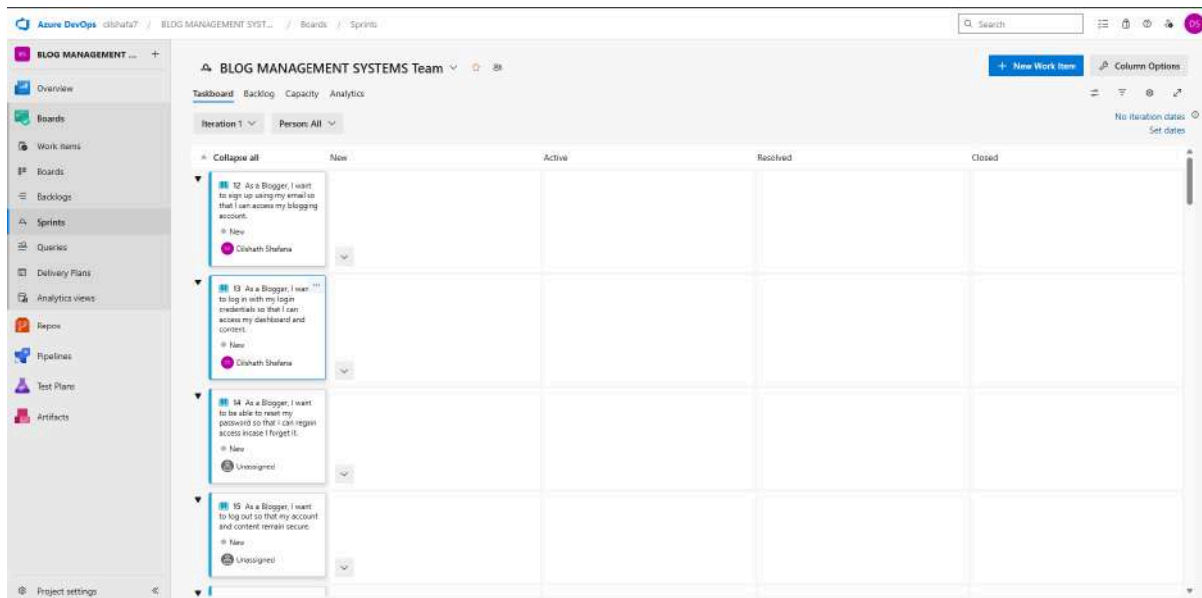
EX NO: 4

Date: 20/03/2025

SPRINT PLANNING

Aim: To assign user story to a specific sprint for the Blog Management System Project.

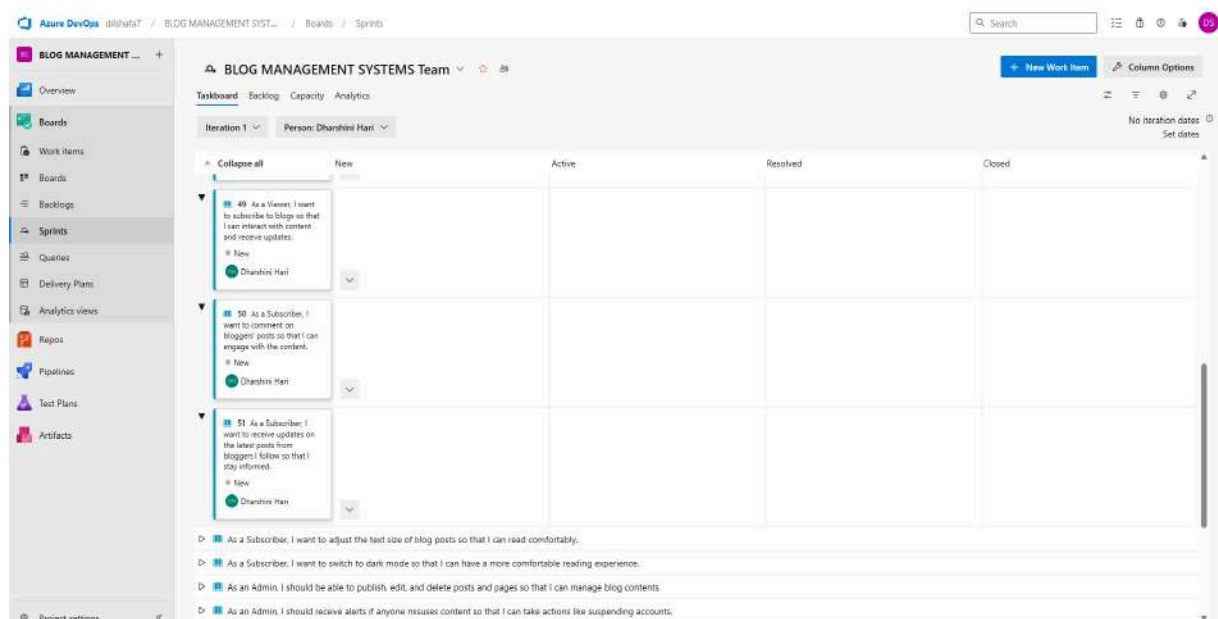
Sprint Planning Sprint 1



The screenshot shows the Azure DevOps Sprints board for the 'BLOG MANAGEMENT SYSTEMS Team'. The board is set to 'Iteration 1' and 'Person: All'. It displays four user stories in the 'New' column, each assigned to 'Chirath Shafana'.

Iteration 1	Person: All	New	Active	Resolved	Closed
12	As a Blogger, I want to sign up using my email so that I can access my blogging account.	Chirath Shafana			
13	As a Blogger, I want to log in with my login credentials so that I can access my dashboard and content.	Chirath Shafana			
14	As a Blogger, I want to be able to reset my password so that I can regain access incase I forget it.	Unassigned			
15	As a Blogger, I want to log out so that my account and content remain secure.	Unassigned			

Sprint 2



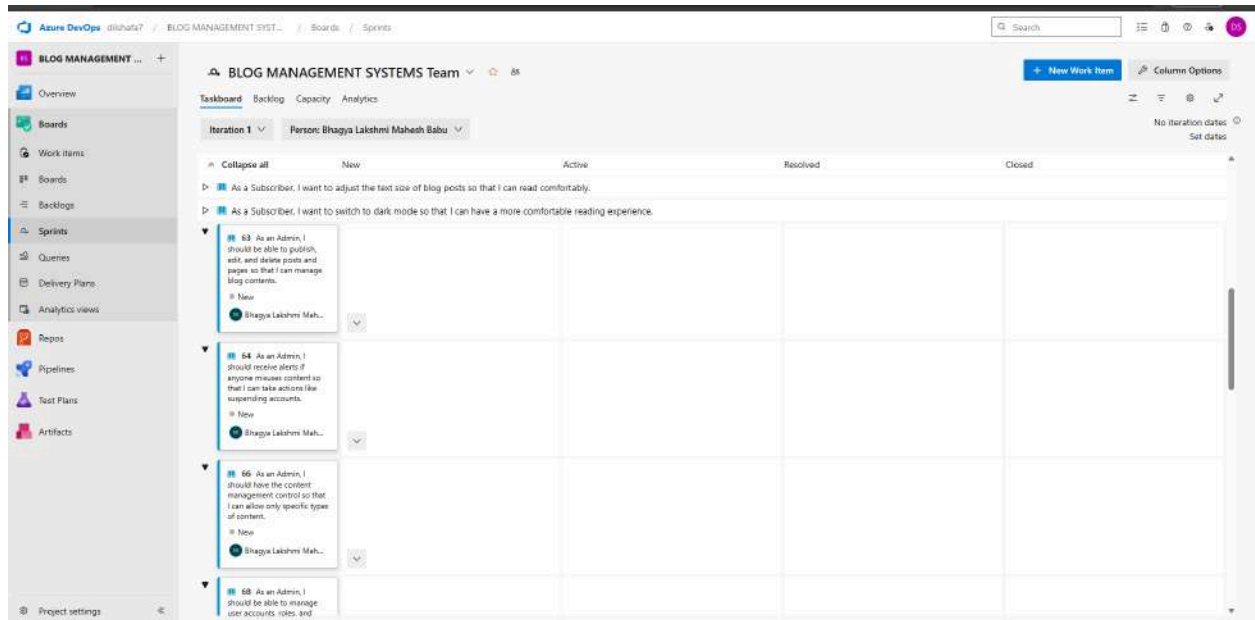
The screenshot shows the Azure DevOps Sprints board for the 'BLOG MANAGEMENT SYSTEMS Team'. The board is set to 'Iteration 1' and 'Person: Dhanshree Hari'. It displays three user stories in the 'New' column, each assigned to 'Dhanshree Hari'.

Iteration 1	Person: Dhanshree Hari	New	Active	Resolved	Closed
49	As a Viewer, I want to subscribe to blogs so that I can receive with content and receive updates.	Dhanshree Hari			
50	As a Subscriber, I want to comment on blogger's posts so that I can engage with the content.	Dhanshree Hari			
51	As a Subscriber, I want to receive updates on the latest posts from bloggers I follow so that I stay informed.	Dhanshree Hari			

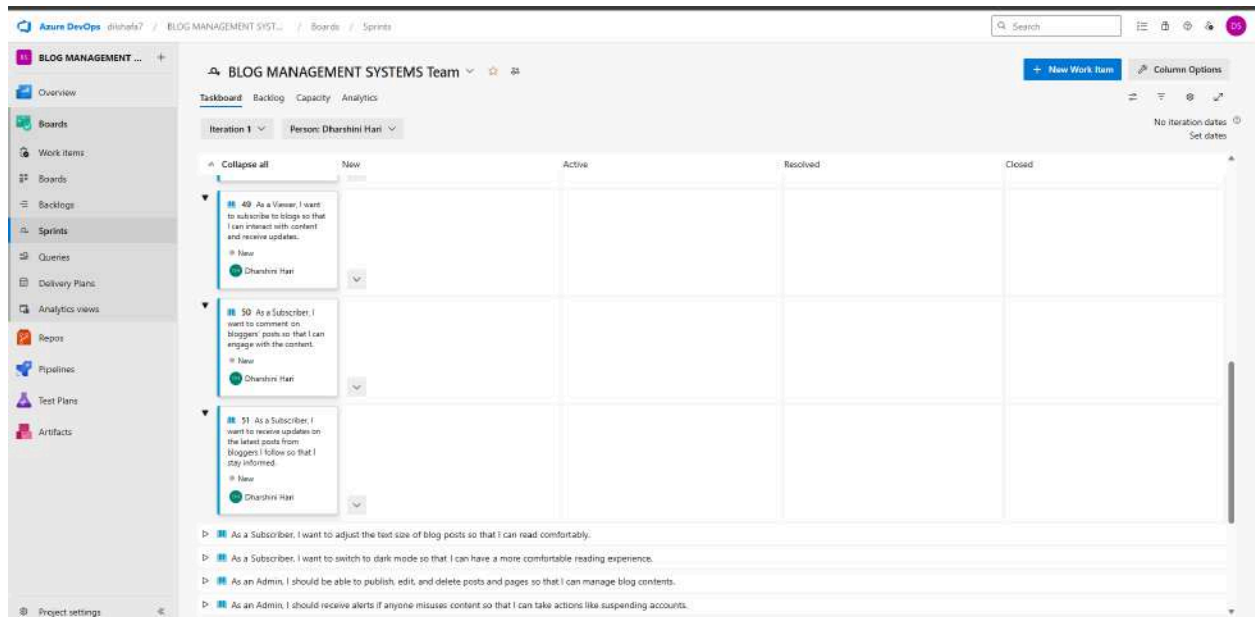
Below the main board, there are additional user stories listed:

- As a Subscriber, I want to adjust the text size of blog posts so that I can read comfortably.
- As a Subscriber, I want to switch to dark mode so that I can have a more comfortable reading experience.
- As an Admin, I should be able to publish, edit, and delete posts and pages so that I can manage blog contents.
- As an Admin, I should receive alerts if anyone misuses content so that I can take actions like suspending accounts.

Sprint 3



Sprint 4



Result:

The Sprints are created for the Blog Management System.

EX NO: 5

POKER ESTIMATION

Date: 28/03/2025

Aim: Create Poker Estimation for the user stories - Blog Management System.

Poker Estimation

USER STORY 54

54 As a Subscriber, I want to adjust the text size of blog posts so that I can read comfortably.

Dhaishini Hari 0 Comments Add Tag

Save and Close Follow

Updated by Dhaishini Hari, Mar 27

Details em 1 0

Description

Acceptance Criteria

- The subscriber should be able to change the text size.
- The change should apply only to blog content and not the entire website.

Discussion

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

Planning

Story Points: 3

Priority: 4

Risk: 3 - Low

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

Add link

Parent

53 Enhancing Readability and Customization Options Updated Mar 27 @ New

Activate Windows
Go to Settings to activate Windows.

Result:

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

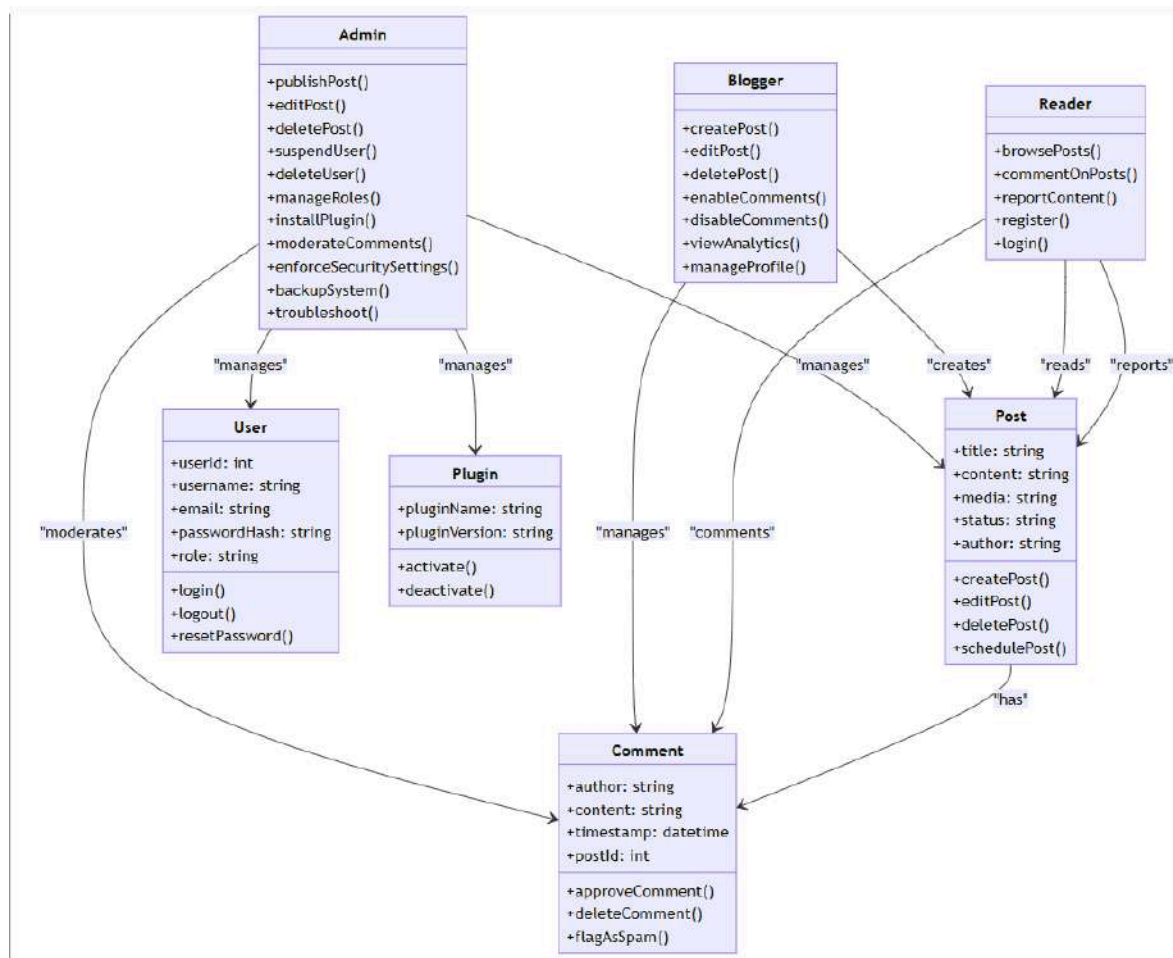
EX NO: 6

Date:04/04/2025

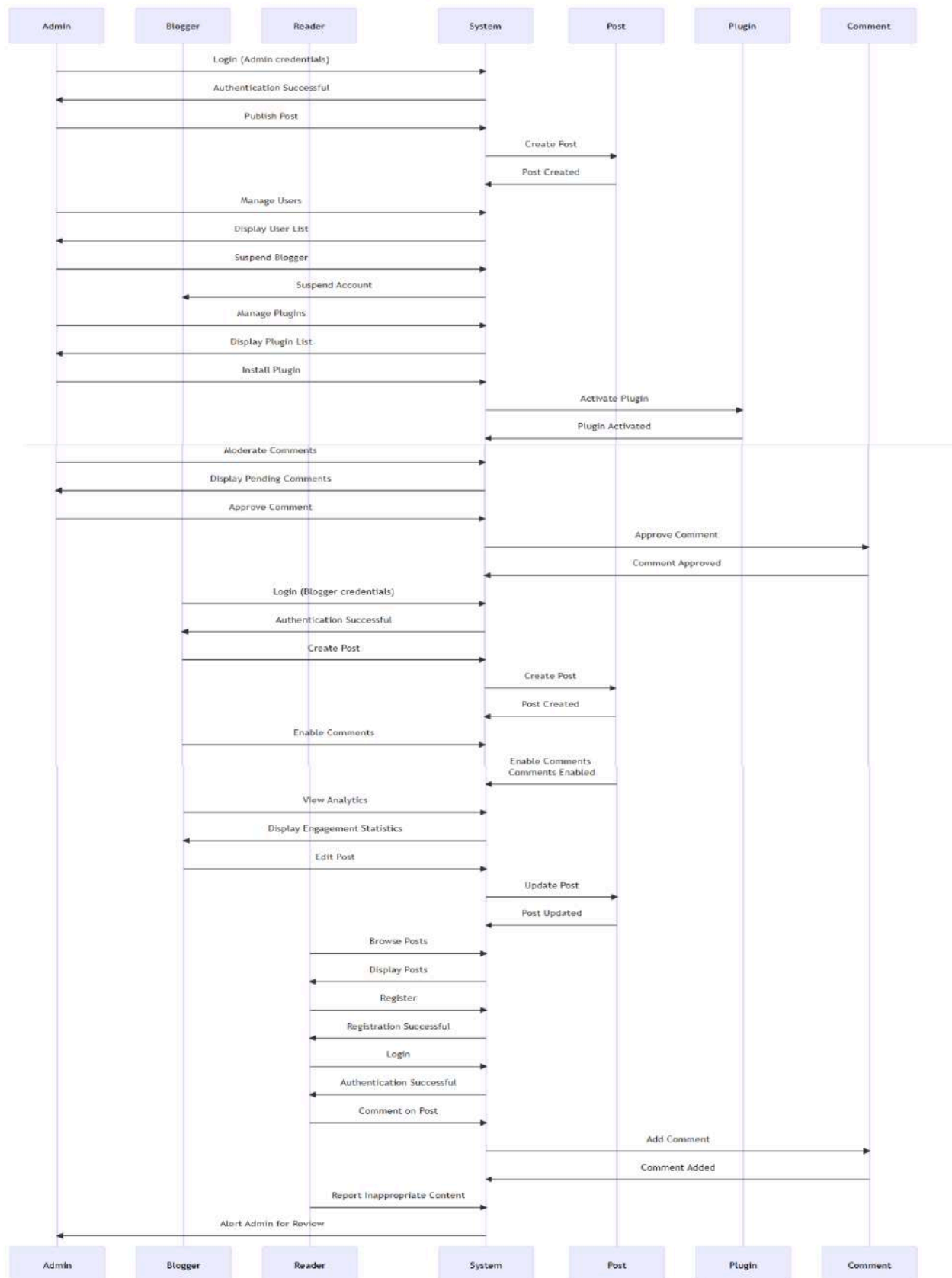
DESIGNING CLASS AND SEQUENCE DIAGRAMS FOR PROJECT ARCHITECTURE

Aim: To Design a Class Diagram and Sequence Diagram for the given Project.

6A. Class Diagram



6B. Sequence Diagram



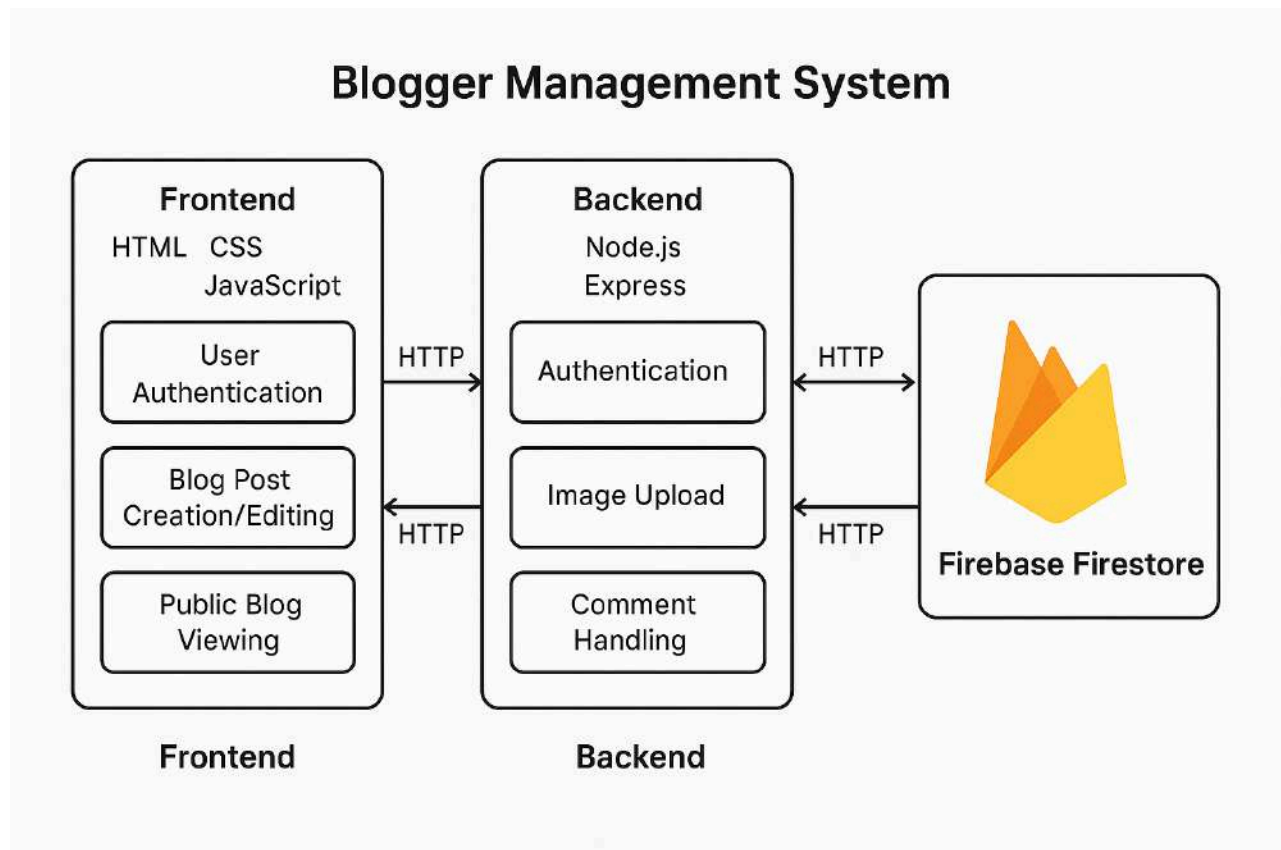
Result:

The class diagram and sequence diagram is designed successfully for the Blog Management system.

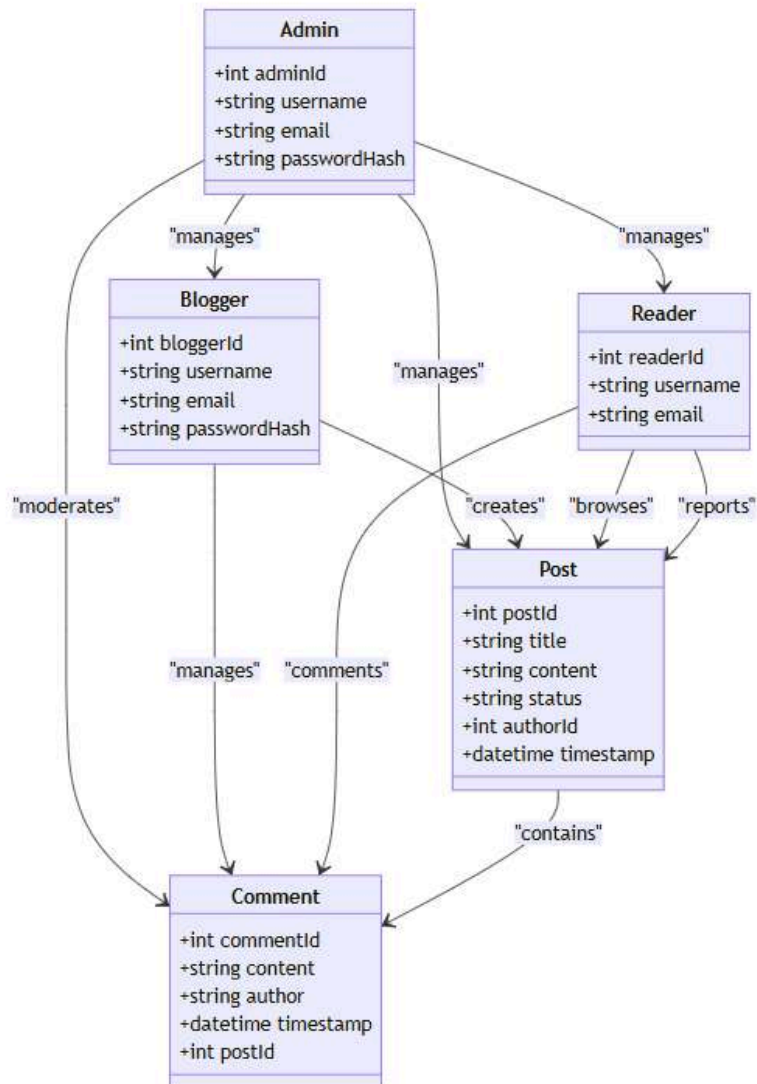
EX NO: 7 Date:16/04/2025	DESIGNING ARCHITECTURAL AND ER DIAGRAMS FOR PROJECT STRUCTURE
---	--

Aim: To Design an Architectural Diagram and ER Diagram for Blog management system.

7A. Architectural Diagram



7B.ER Diagram



Result:

The Architecture Diagram and ER Diagram is designed Successfully for the Blog management system.

EX NO: 8 Date:18/04/2025	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

- User Authentication (Signup & Login)
- Blog Post Creation (Create, Edit, Add image)
- Blog Post Publishing
- Category and Tag Management
- User Roles and Permissions
- Search Functionality

2. Define User Interactions

- Each test case will simulate a real user behavior, such as logging in, creating a blog post, publishing a post and browsing for a post.

3. Design Happy Path Test Cases

- These test cases will validate that all features function as expected under normal conditions.
- Example: User logs in successfully, creates a new blog post with a title and content, and publishes it successfully.

4. Design Error Path Test Cases

- These test cases will simulate negative or unexpected scenarios to test the system's robustness and error-handling capabilities.
- Example: Login fails with invalid credentials, post creation fails due to missing title, post fails to publish due to a system error.

5. Break Down Steps and Expected Results

- Each test case will contain step-by-step actions and a corresponding expected outcome.
- This ensures clarity for both testers and automation scripts.

6. Use Clear Naming and IDs

- Test cases will be named clearly (e.g., TC01 - Successful Login, TC10 - Create Post Fails - Missing Title).
- This helps in quick identification and linking to user stories or features in Azure DevOps.

7. Separate Test Suites

- Test cases will be organized within Azure DevOps Test Plans and Test Suites.
- Test Suites will be grouped based on functionality (e.g., "User Authentication," "Blog Post Management," "Commenting").
- This improves organization and test execution flow in Azure DevOps.

8. Prioritize and Review

- Critical user actions and core functionalities will be marked as high-priority in Azure DevOps.
- Test cases will be reviewed for completeness, accuracy, and traceability against feature requirements and user stories.

1.New test plan

New Test Plan

Name *

Blog Creation Test Plan

Area Path *

BLOG MANAGEMENT SYSTEMS

Iteration *

BLOG MANAGEMENT SYSTEMS\Iteration 1

Create

Cancel

2.Test suite

← Blog Creation Test... ▾ ☆

May 22 - May 29 **Current**

Test Suites

Filter suites by name

▼ Blog Creation Test Plan

2 : Blog Creation & Management

New Suite >

Assign configurations

Export

Assign testers to run all tests

Import test suites

Static suite


Requirement based suite

Query based suite

2 : Blog Creation & Management (ID: 94)

Define Execute Chart

↓ ▾ ↑ 📄 🖨️ 🔍 ↺



Add a test case

Use this tab to collate, add and manage test cases

New Test Case ▾

3.Test case

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

Blog Management System – Test Plans

USER STORIES

- As a Blogger, I want to log in with my login credentials so that I can access my dashboard and content.
- As a Viewer, I want to visit the website so that I can browse blogs without signing in.
- As a Blogger, I want to create a blog so that I can share my content.
- As an Admin, I should be able to publish, edit, and delete posts and pages so that I can manage blog contents.
- As a Blogger, I want to sign up using my unique name and password so that I can access my blogging account.

TEST SUITES

TEST SUITE: TS01 – USER LOGIN

Test Case: TC01 – Login with Valid Credentials

User Story: As a Blogger, I want to log in with my login credentials so that I can access my dashboard and content.

Test Type: Happy Path

Steps and Expected Results:

- Action: Navigate to the login page

Expected Result: Login page is displayed with email and password fields

- Action: Enter valid email and password

Expected Result: Input is accepted with no errors

- Action: Click the "Login" button

Expected Result: Blogger is redirected to the dashboard

Notes: This test simulates a successful login with valid credentials.

Test Case: TC02 – Login with Invalid Password

User Story: As a Blogger, I want to log in with my login credentials so that I can access my dashboard and content.

Test Type: Error Path

Steps and Expected Results:

- Action: Navigate to the login page

Expected Result: Login page is displayed

- Action: Enter valid email and incorrect password

Expected Result: Password is rejected

- Action: Click the "Login" button

Expected Result: Error message “Incorrect password” is shown

Notes: Ensures failed login attempts are handled properly with informative error messages.

TEST SUITE: TS02 – VIEW BLOGS WITHOUT LOGIN

Test Case: TC01 – Access Blogs as a Viewer

User Story: As a Viewer, I want to visit the website so that I can browse blogs without signing in.

Test Type: Happy Path

Steps and Expected Results:

- Action: Open the website homepage

Expected Result: Homepage with blogs is displayed

- Action: Scroll or navigate through blog posts

Expected Result: Viewer can read blogs without authentication

Notes: Validates open access to content for all visitors.

TEST SUITE: TS03 – BLOG CREATION

Test Case: TC01 – Create a New Blog Successfully

User Story: As a Blogger, I want to create a blog so that I can share my content.

Test Type: Happy Path

Steps and Expected Results:

- Action: Log in to the dashboard

Expected Result: Dashboard with "Write a blog" option is displayed

- Action: Click on "Write a Blog", enter title and content

Expected Result: Fields accept inputs with no validation errors

- Action: Click "Publish"

Expected Result: Blog is successfully created and visible in public feed

Notes: Tests standard functionality for creating a new blog.

TEST SUITE: TS04 – USER REGISTRATION

Test Case: TC01 – Sign Up with Valid Details

User Story: As a Blogger, I want to sign up using my unique email and password so that I can access my blogging account.

Test Type: Happy Path

Steps and Expected Results:

- Action: Navigate to the sign-up page

Expected Result: Registration form is displayed

- Action: Enter a unique email and password

Expected Result: Inputs are accepted and no validation errors occur

- Action: Click "Sign Up"

Expected Result: Account is created and Blogger is redirected to dashboard

Notes: Validates successful registration for new users.

Test Case: TC02 – Sign Up with Existing email and password

User Story: As a Blogger, I want to sign up using my unique email and password so that I can access my blogging account.

Test Type: Error Path

Steps and Expected Results:

- Action: Navigate to the sign-up page

Expected Result: Registration form is displayed

- Action: Enter a email that already exists

Expected Result: Form accepts input

- Action: Click "Sign Up"

Expected Result: Error message “Email invalid” is shown

Notes: Ensures duplicates are not allowed.

TEST SUITE: TS05 – CONTENT MANAGEMENT BY ADMIN

Test Case: TC01 – Admin Manages Blog Posts

User Story: As an Admin, I should be able to publish, edit, and delete posts and pages so that I can manage blog contents.

Test Type: Happy Path

Steps and Expected Results:

- Action: Log in to the admin panel

Expected Result: Admin dashboard is displayed

- Action: Choose an existing blog post and select “Delete”

Expected Result: The Blog gets deleted

Notes: Tests core content control actions available to Admin.

Test Cases

NEW TEST CASE

Verify that user can create a new blog with title and text content

Dilshath Shafana

0 Comments Add Tag

Save and Close

State: Design

Area: BLOG MANAGEMENT SYSTEMS

Reason: New

Iteration: BLOG MANAGEMENT SYSTEMS\Iteration 1

Steps Summary Associated Automation 0 0 0

Steps

Steps Action Expected result

1. Login as an authenticated user User is logged in and redirected to dashboard

2. Click on "Blog" Blog editor page is displayed

3. Enter a valid title Title field accepts input

4. Enter content in the text area Content entered

5. Click on Publish Blog is saved

Click or type here to add a step

Parameter values

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

Add link

[Add an existing work item as a parent](#)

NEW TEST CASE

Verify that user can insert an image into a blog post

Dilshath Shafana

0 Comments Add Tag

Save and Close

State: Design

Area: BLOG MANAGEMENT SYSTEMS

Reason: New

Iteration: BLOG MANAGEMENT SYSTEMS\Iteration 1

Steps Summary Associated Automation 0 0 0

Steps

Steps Action Expected result

1. Login and go to "Blog" Blog editor opens

2. Enter blog title and text Title and content are added

3. Click on "Insert Image" File picker dialog opens

4. Select an image file from system Image preview is shown in blog editor

Parameter values

Add a shared parameter set | Convert to shared parameters

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

Add link

[Add an existing work item as a parent](#)

4.Installation of test

chrome web store

Search extensions and themes

Discover Extensions Themes

Test & Feedback Add to Chrome

Featured 4.2 ★ (175 ratings) Share

Extension Workflow & Planning 200,000 users

PCs

Capture & Annotate

change the color of button as per UX mock

CAPTURE

1. Screenshots
2. Notes
3. Screen recordings as Video
4. Image action log
5. Page load data

https://dev.azure.com/BLOG%20MANAGEMENT%20SYSTEMS/_testPlans/define?planId=92&suitId=94

Azure DevOps dilshafa7 / BLOG MANAGEMENT SYST... / Test Plans / Blog Creation Test Plan

2: Blog Creation & Management (ID: 94)

Define Execute Chart

Test Cases (2 items)

Title	Order	Test Case Id	Assigned To	State
<input checked="" type="checkbox"/> Verify that user can create a new blog with title and text content	1	95	Dilshath Shafana	Design
<input type="checkbox"/> Verify that user can insert an image into a blog post	2	96	Dilshath Shafana	Design

Extensions

Full access: These extensions can see and change information on this site.

- McAfee WebAdvisor
- Test & Feedback

Manage extensions

New Test Case

Test and feedback

Showing it as an extension

5. Running the test cases

2 : Blog Creation & Management (ID: 94)

DefineExecuteChart

Test Points (2 items)

Run for web application

Title	Outcome	Order	Test Case Id	Configuration	Tester
<input checked="" type="checkbox"/> Verify that user can create a new blog with title and text content	Passed	1	95	Windows 10	Dilshath Shafana
<input type="checkbox"/> Verify that user can insert an image into a blog post	Active	2	96	Windows 10	Dilshath Shafana

Runner - Test Plans - Google Chrome

dev.azure.com/dilshafa7/BLOG%20MANAGEMENT%20SYSTEMS/_testExecution/Index

Save and close | Create bug

95*: Verify that user can create a new blog with title and text content

1. Login as an authenticated user

EXPECTED RESULT

User is logged in and redirected to dashboard

2. Click on "Blog"

EXPECTED RESULT

Blog editor page is displayed

3. Enter a valid title

EXPECTED RESULT

Title field accepts input

4. Enter content in the text area

EXPECTED RESULT

Content entered

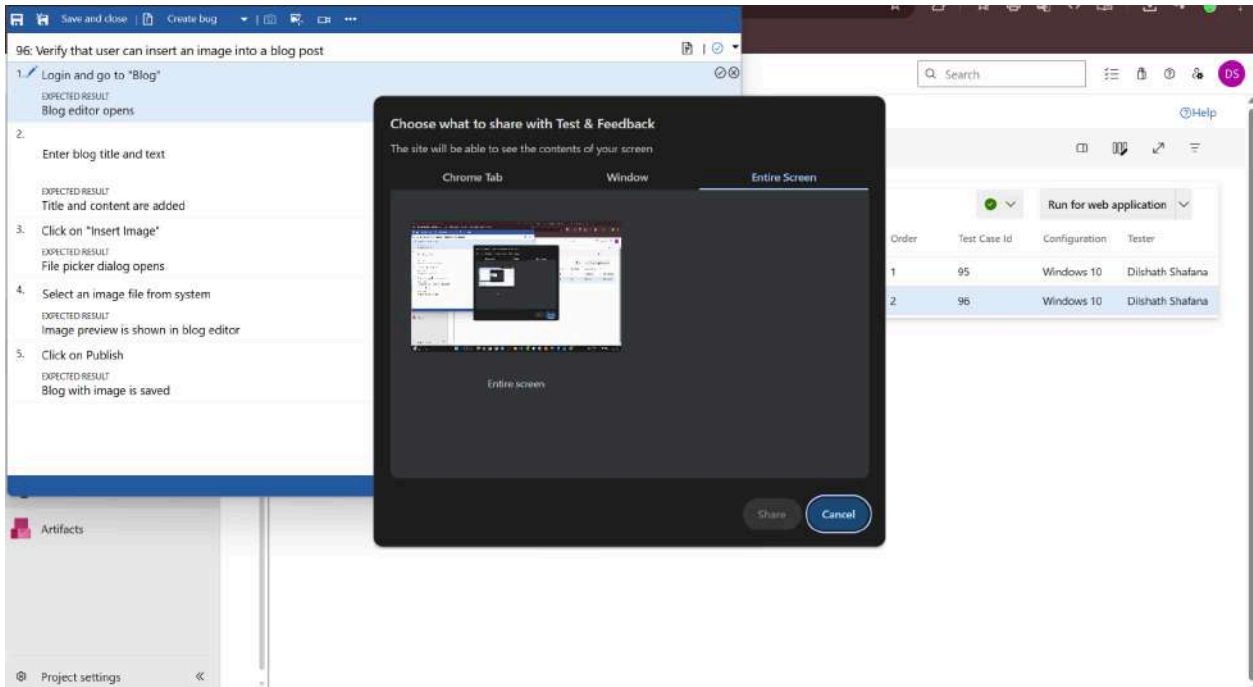
5. Click on Publish

EXPECTED RESULT

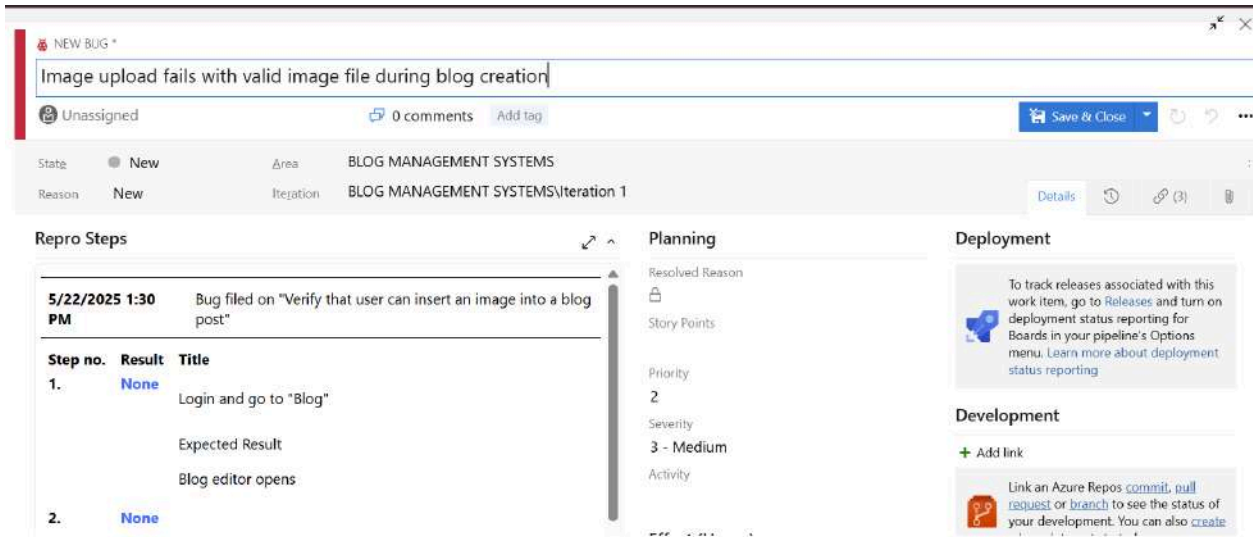
Blog is saved

Windows 10

6.Recording the test case



7.Creating the bug



8.Test case results

2 : Blog Creation & Management (ID: 94)

DefineExecuteChart

Search Title, Test case id and Tags columnsOutcomeTesterConfigurationAssigned ToState

Test Points (2 items)

Run for web application

Title	Outcome	Order	Test Case Id	Configuration	Tester
Verify that user can create a new blog with title and text content	Passed	1	95	Windows 10	Dilshath Shafana
Verify that user can insert an image into a blog post	Passed	2	96	Windows 10	Dilshath Shafana

9.Test report summary

BLOG MANAGEMENT ...

Overview

Boards

Repos

Pipelines

Test Plans

Test plans

Progress report

Parameters

Configurations

Runs

Artifacts

Enter Run ID...

Recent test runs

Test runs

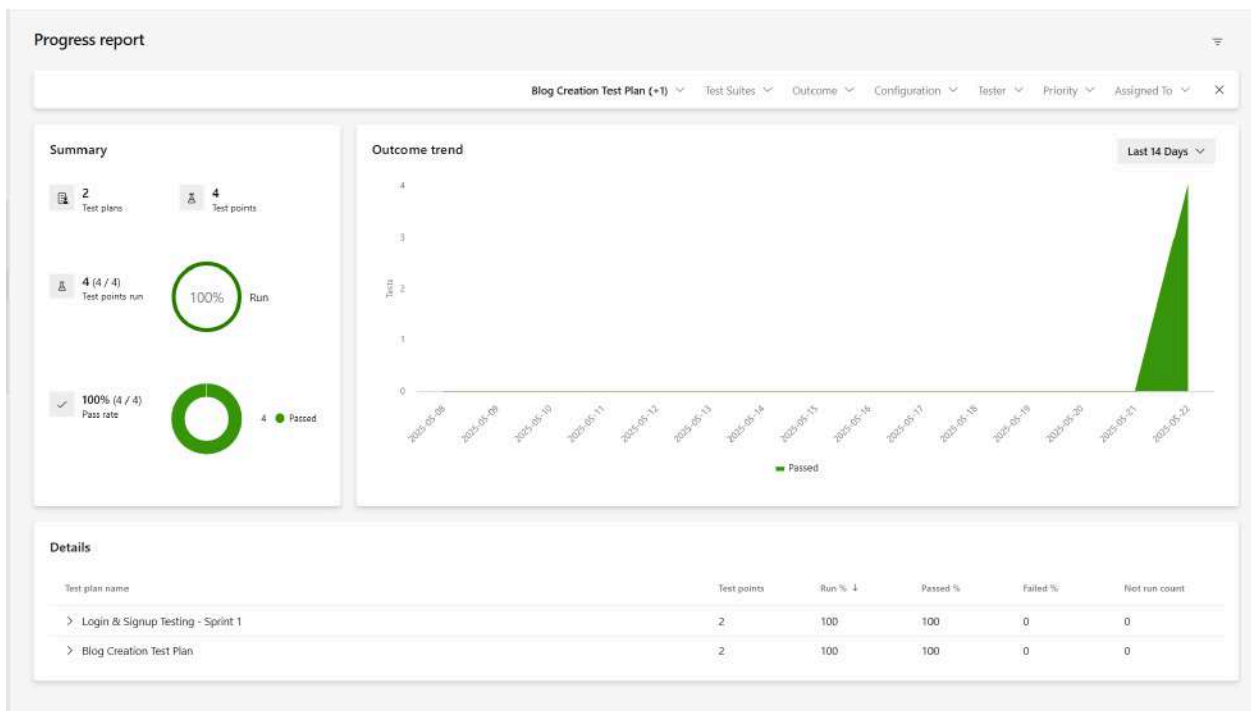
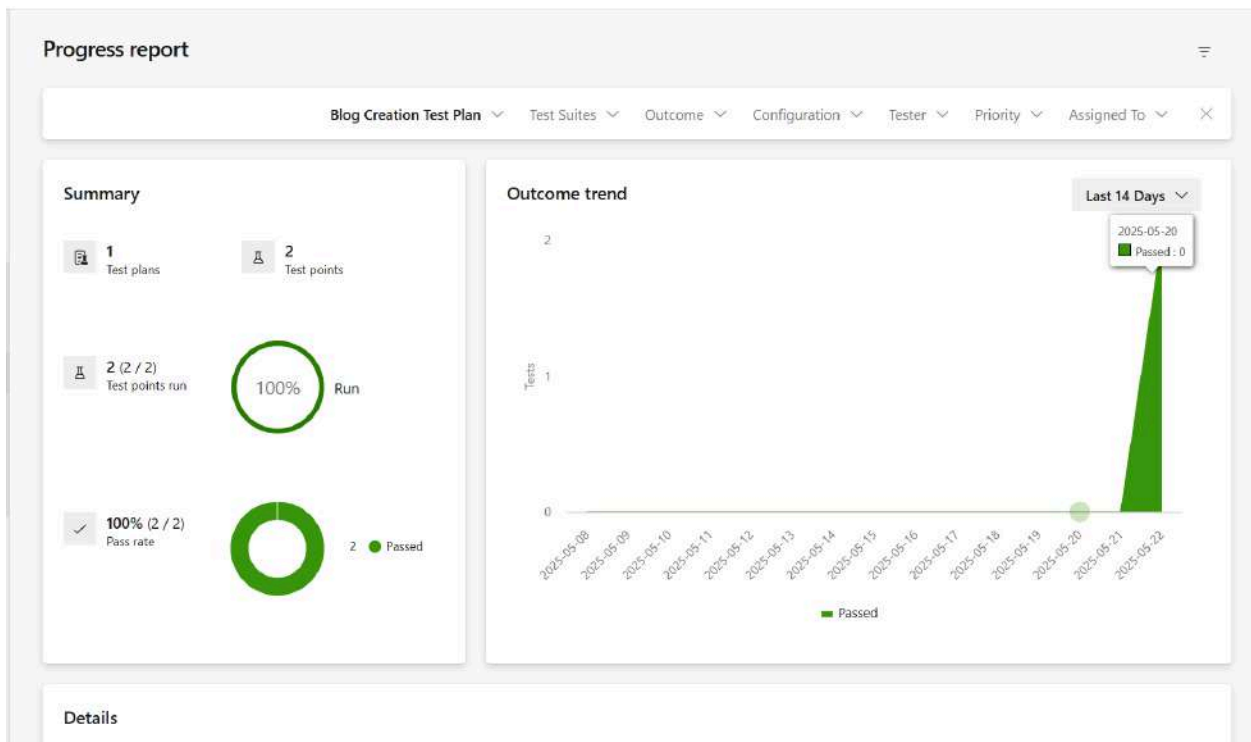
Recent exploratory sessions

Recent test runs

8 runs (1 selected)

State	Run I...	Title	Completed Date	Build Number
Completed	17	2 : Blog Creation & Management (Manual)	5/22/2025 1:32:27 PM	
Completed	16	2 : Blog Creation & Management (Manual)	5/22/2025 1:32:23 PM	
In progress	15	2 : Blog Creation & Management (Manual)	5/22/2025 1:30:42 PM	
Completed	13	2 : Blog Creation & Management (Manual)	5/22/2025 1:28:07 PM	
Completed	11	2 : Blog Creation & Management (Manual)	5/22/2025 1:24:28 PM	
Completed	5	2 : Blog Creation & Management (Manual)	5/22/2025 1:11:12 PM	
Completed	3	1 : User Account Management (Manual)	5/22/2025 12:19:00 PM	
Completed	2	1 : User Account Management (Manual)	5/22/2025 12:14:03 PM	

10.Progress report



11.Changing the test template

Organization Settings

- Overview
- Projects
- Users
- Billing
- Global notifications
- Usage
- Extensions
- Microsoft Entra
- Security
 - Security overview
 - Policies
 - Permissions
- Boards
 - Process
- Pipelines
 - Agent pools
 - Settings
 - Deployment pools
 - Parallel jobs

All processes

Processes Fields

Filter by process name

Name	Description	Team projects
Basic	This template is flexible for any process and great for teams getting started ...	0
Agile (default)	This template is flexible and will work great for most teams using Agile plann...	1
Scrum	This template is for teams who follow the Scrum framework.	0
CMMI	This template is for more formal projects requiring a framework for process i...	0

12.View the new test case template

Organization Settings

- Overview
- Projects
- Users
- Billing
- Global notifications
- Usage
- Extensions
- Microsoft Entra
- Security
 - Security overview
 - Policies
 - Permissions
- Boards
 - Process
- Pipelines
 - Agent pools
 - Settings
 - Deployment pools
 - Parallel jobs

All processes > 231001038 Agile > Test Case

Layout States Rules

New field New group New page Get extensions

Steps Summary Associated Aut...

Steps

Text (multiple lines)

Recent test results

Recent test case results

Deployment

Deployments

Development

Links

Related Work

Links

Status

Priority

Integer

Automation status

Text (single line)

Add a field ...

Add a field to Test Case

Definition

Options

Layout

Add a field to store custom, queryable data about your work items.

Use an existing field

Field

Acceptance Criteria

Create a field

Name

Test type

Type

Text (single line)

Description

Optionally provide a description for the field

Learn more

Add field

Cancel

All processes > 231001038 Agile > Test Case

Layout

States

Rules

New field

New group

New page

Get extensions

Steps

Summary

Associated Aut...

Steps

Text (multiple lines)

Recent test results

Recent test case results

Deployment

Deployments

Development

Links

Related Work

Links

Status

Priority

Integer

Automation status

Text (single line)

Custom

Test type

Text (single line)

2116231001035

CS23432

Result:

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

EX NO: 09 Date:25/04/2025	LOAD TESTING AND PERFORMANCE TESTING
--	---

Aim:

To create an Azure Load Testing resource and run a load test to evaluate the performance of a target endpoint.

Load Testing

Steps to Create an Azure Load Testing Resource:

Before you run your first test, you need to create the Azure Load Testing resource:

1. Sign in to Azure Portal
Go to <https://portal.azure.com> and log in.
2. Create the Resource
 - Go to *Create a resource* → Search for “Azure Load Testing”.
 - Select Azure Load Testing and click Create.
3. Fill in the Configuration Details
 - *Subscription*: Choose your Azure subscription.
 - *Resource Group*: Create new or select an existing one.
 - *Name*: Provide a unique name (no special characters).
 - *Location*: Choose the region for hosting the resource.
4. (Optional) Configure tags for categorization and billing.
5. Click Review + Create, then Create.
6. Once deployment is complete, click Go to resource.

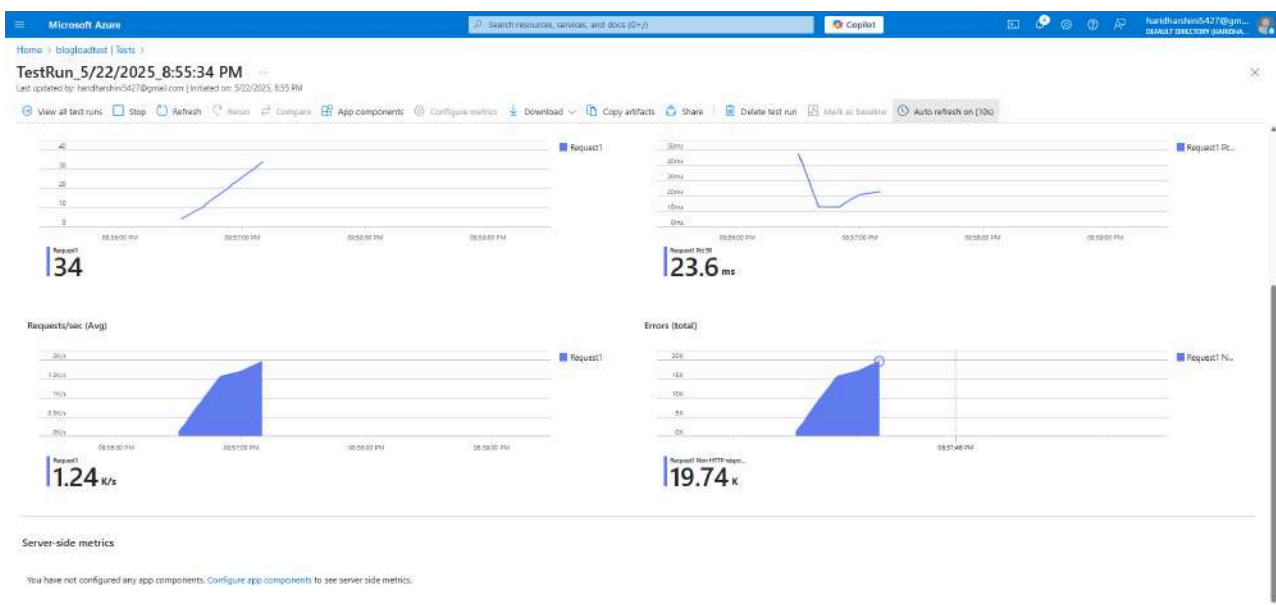
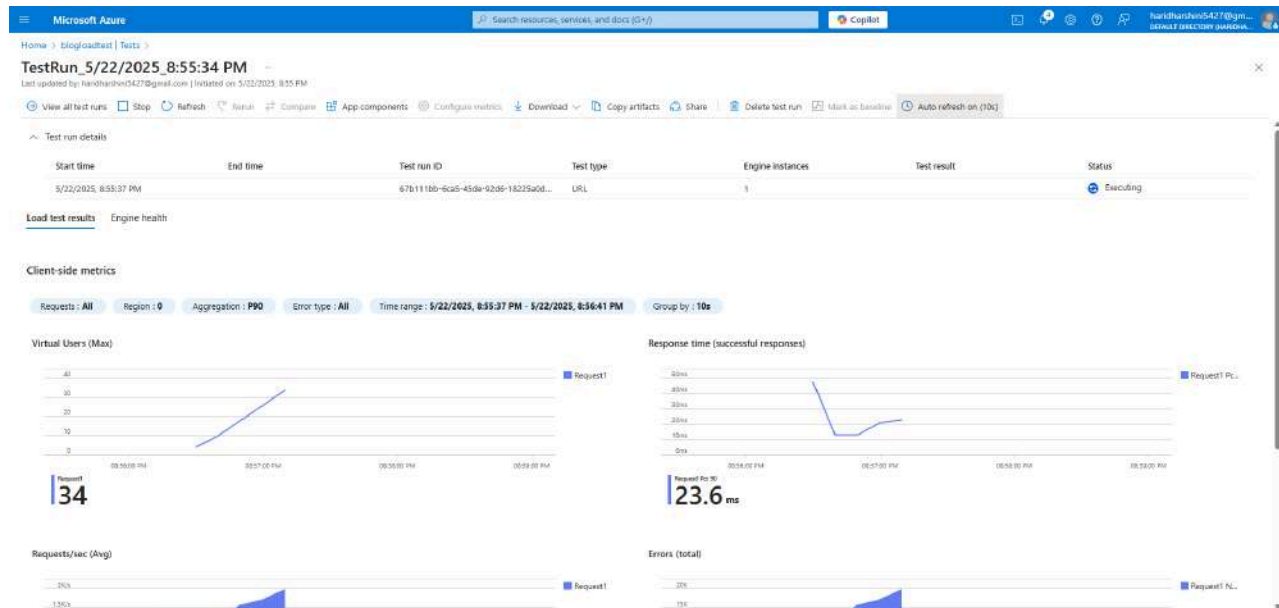
Steps to Create and Run a Load Test:

Once your resource is ready:


1. Go to your Azure Load Testing resource and click Add HTTP requests > Create.
2. Basics Tab
 - *Test Name*: Provide a unique name.
 - *Description*: (Optional) Add test purpose.

- *Run After Creation*: Keep checked.
3. Load Settings
- *Test URL*: Enter the target endpoint (e.g., <https://yourapi.com/products>).
4. Click Review + Create → Create to start the test.

Load Testing








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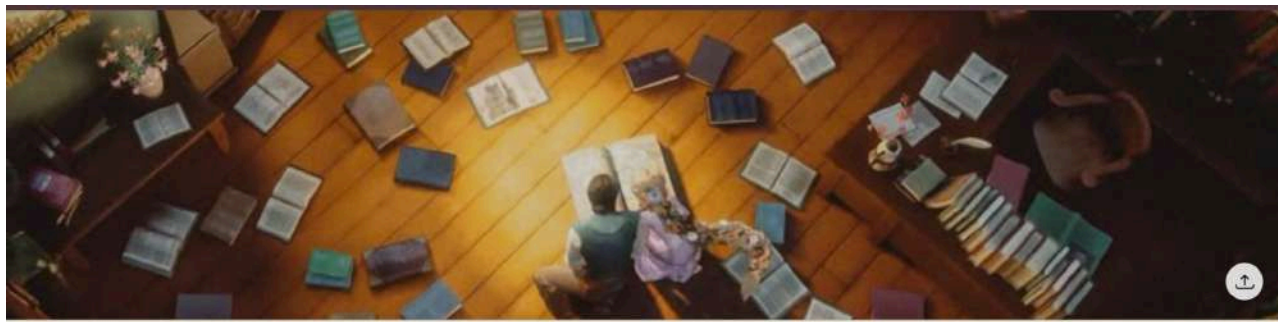
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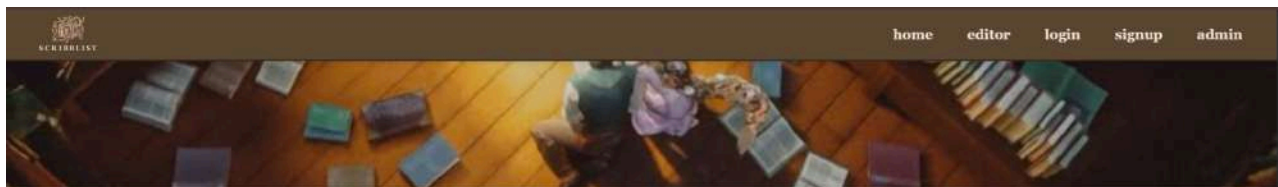


The Silent Revolution: Why Gen Z Is Reviving Physical Books

In a world driven by touchscreens and algorithms, one might assume that books—the ink-on-paper kind—would have quietly faded into nostalgia. But in a surprising twist, Gen Z is leading a quiet, powerful resurgence of physical reading. This isn't just a trend; it's a movement. One where the scent of old pages, the texture of a well-worn spine, and the

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The Silent Revolution: Why Gen Z Is Reviving Physical Books

Published At - 23 May 2025

In a world driven by touchscreens and algorithms, one might assume that books—the ink-on-paper kind—would have quietly faded into nostalgia. But in a surprising twist, Gen Z is leading a quiet, powerful resurgence of physical reading. This isn't just a trend; it's a movement. One where the scent of old pages, the texture of a well-worn spine, and the crackle of flipping paper signals a silent revolution.

A Digital Generation Goes Analog

Born into a world buzzing with notifications, Gen Z is the first generation to grow up completely surrounded by smartphones, tablets, and Wi-Fi. Ironically, this constant connection is exactly why many

Result:

Successfully created the Azure Load Testing resource and executed a load test to assess the performance of the specified endpoint

EX NO: 10

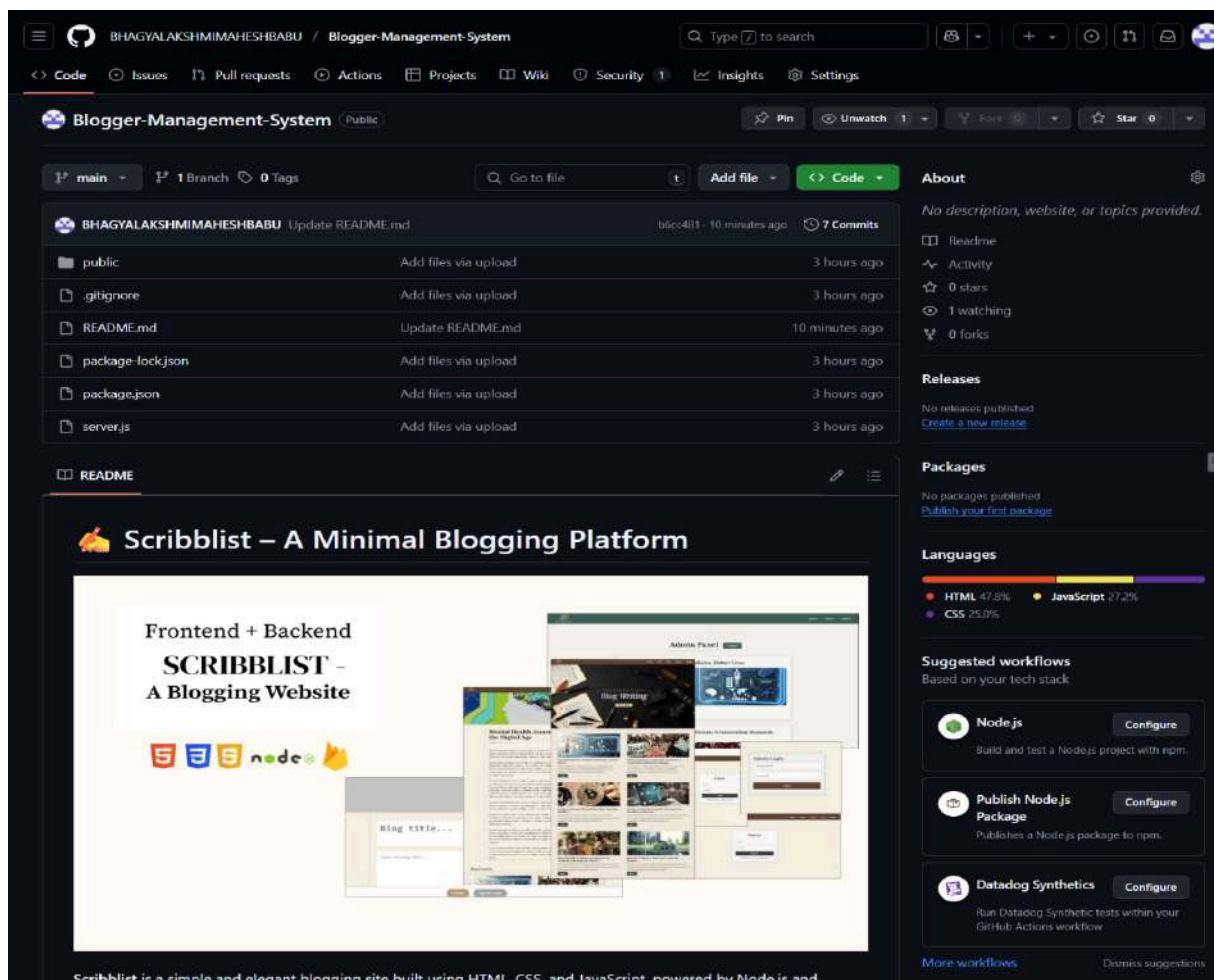
Date:02/05/2025

GITHUB: PROJECT STRUCTURE & NAMING CONVENTIONS

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 Blog management system 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.