



NATIONAL UNIVERSITY
of Computer & Emerging Sciences

Project Report

Project Title: Final Year Project Management System

Group 12:

Section:B

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Submitted to: Ma'am Javeria Imtiaz

Introduction:

Our project aims to optimize the management process of the final year projects. It serves a variety of stakeholders, such as the Students, FYP Committee Members, Panel Members and the Supervisors. This system allows the users to perform key tasks such as student registration, panel allocation, evaluations, assignment submission and assigning grades.

Project Rational:

The problem of manually managing the FYP management process affected the efficiency and accuracy of the overall management processes which resulted in prolonged time consumption and increased costs due to unnecessary paperwork.

Our project aims to develop a solution that automates the tasks involved in the FYP management. It is designed to reduce the time taken, minimize the paperwork and enhance the overall efficiency.

The app allows such users to create their accounts and avail the different facilities provided. For example, a panel member can do the evaluations of the FYP groups and the student can view the final grade and reviews given by the panel members. To provide the stated functionalities to the users of the FYP management system, we planned to design a web-based application with a 3-tier layered architecture using web technologies like Html, CSS, Bootstrap, and SQL.

Project Architecture:

The FYP Management System has a three-tier layered architecture consisting of a presentation layer, business layer, and database layer.

The presentation layer, implemented using HTML, CSS and Bootstrap provides the user interface for interaction. The user interface is designed to be user-friendly and responsive. The business layer contains the core logic and functionalities of the system. This layer handles user authentication, data validation, business rules implementation, and other functional requirements of the system. The Database layer is to store data in the database and has been implemented using SQL.

The reason for choosing the three-tier architecture is because it separates different aspects of the system, making development and maintainability easier. The code organization is consistent which simplifies making changes in all or some of the objects.

Product Backlog

ID	User Story	Estimate	Priority	Acceptance Criteria
1	As an FYP committee member, I want to create the user accounts for students, supervisors and panel members of the FYP, so that I'm able to manage and control access to the system.	5	1	<ul style="list-style-type: none"> Username and passwords for all the users are set for their account and stored in the database. The users can successfully log in to the FYP system
2	As an FYP committee member, I want to give roles	1	2	Given that the FYP committee member is logged in and can access list of users when FYP committee member selects a particular user and assigns them

	to the users such as Student, Panel Member and Supervisor, so I assign and give the correct required permissions.			to a specific role then system updates the role of selected user and message of successful role assignment is displayed
7	As an FYP committee member, I want to create project panels composed of faculty members, so that I can ensure there is a diverse yet balanced team that will evaluate fairly.	2	3	Given FYP committee member is logged in and accesses faculty members list when FYP committee member clicks on the 'Create Panel' button and adds faculty members to the created panel then system creates new project panel with the added faculty members and display the panel details and members
8	As an FYP committee member, I want to allocate FYP groups to the created project panels, so that there is a smooth streamlined process of evaluating the projects.	2	4	Given FYP committee member is logged in and accesses FYP groups and project panels lists when FYP committee member selects an FYP group and assigns assigns it to a particular project panel then system updates FYP group list to show its assigned project panel and show the panel on FYP group page
18	As a panel member, I want to view the FYPs assigned to the panel so that I know which projects to evaluate	2	5	Glven Panel member has logged in when panel member selects the 'Assigned Projects' section then the system displays all the FYPs assigned to the panel of which this panel member is a part
12	As a student, I want to view the panel	2	6	Glven Student has enrolled for FYP when student logs in then the system should display the panel

	assigned to my FYP project so that I am aware of the assessment process			assigned to the student to keep track of the assessment process
11	As a student, I want to view my group members, project title/description and the supervisor so that I can gain clarity on the details of the project	3.5	7	Given Student has enrolled for FYP and have logged in when student selects 'Project Details' then the system should display the project details, including the group members, supervisor and the project title/description
21	As a supervisor, I want to view a list of all active FYPs that I am currently supervising so that I can better manage my workload and student groups.	2.5	8	Given That the Supervisor is logged in and That the Supervisor is assigned to an FYP Student Group when The Supervisor wants to view all the currently active FYPs they are supervising then The system should display a list of all the FYPs under this supervisor
22	As a supervisor, I want to see the details of each FYP I am supervising, including project and group information, so I can guide them properly.	2	9	Glven That the Supervisor is logged in and That the Supervisor is assigned to an FYP Student Group when The Supervisor wants to view details of each FYP project they are supervising thenThe system should display a list of all active FYPs under the supervision of that supervisor and Let the supervisor access the project information of each FYP and Let the supervisor access the group information of each FYP
27	As a supervisor, I want to be able to communicate quickly with my student	4	10	Glven That the Supervisor is logged in and That the Supervisor is assigned to an FYP Student Group when The Supervisor wants to communicate with a student group then The system should allow the

	groups directly, so that I can answer any issues they may have.			supervisor to view any queries made by students and Let the supervisor respond to them and Send the responses to the student group
6	As an FYP committee member, I want to be able to set deadlines for the projects, for both submission and evaluation, so that I can ensure on time submissions and have a project timeline.	3.5	11	Given that the FYP committee member is logged in and accesses FYPs list when FYP committee member selects an FYP and enters submission and evaluation deadlines then system saves the entered deadlines for that FYP and displays the deadlines
14	As a student, I want to view the deadlines of the presentations and document submissions so that I can make submissions within the given time	1	12	Given Student has enrolled for the FYP and have logged in when the student selects the 'Assignments' section then the system displays the deadlines for the work assigned
16	As a student, I want to submit the soft copies of the documents and presentations so that the need for unnecessary paperwork is minimized	6	13	Given Student has enrolled for the FYP and have logged in when student selects the 'Assignments' section then the system allows the student to submit the soft copies of the assignment
25	As a supervisor, I want to be able to	1	14	Given That the Supervisor is logged in and That the Supervisor is assigned to an FYP Student Group

	see the deadlines for all FYP-related assessments (submissions, presentations, etc.) so that I can schedule my time effectively and remind my students of deadlines.			when The Supervisor wants to view deadlines of each FYP project they are supervising then The system should display a list of all active FYPs and their respective deadlines and Let the supervisor see what assessment material the deadline is associated with
17	As a student, I want to submit a progress report on my FYP so that I can provide an update on the status of the project	4	15	Given Student has enrolled for the FYP and have logged in when the student selects 'Report' section then the system redirects to another page and allows the student to submit the progress report of the project
28	As a supervisor, I want to submit requests for extra materials for FYP projects that I am supervising so that I have relevant material to aid my students.	2.5	16	Given That the Supervisor is logged in and That the Supervisor is assigned to an FYP Student Group when The Supervisor wants to request for extra helping material for a particular FYP project then The system should send this request to the panel members and Let the panel members respond to this request and Notify the supervisor once their request is responded to
29	As a supervisor, I want to upload supplementary documents for students, so that I may make sure students have what they need to be successful.	4	17	Given That the Supervisor is logged in and That the Supervisor is assigned to an FYP Student Group when The Supervisor wants to upload supplementary documents for a student group then The system should allow the supervisor to upload the relevant feedback and Let the students view them

23	As a supervisor, I want to review the progress reports that my student groups submit, so that I can monitor their progress.	3	18	Given That the Supervisor is logged in and That the Supervisor is assigned to an FYP Student Group when The Supervisor wants to view progress reports submitted by students then The system should list the project reports submitted by the relevant student group and Allow the supervisor to view these reports
5	As an FYP committee member, I want to be able to create reports for the project, including missing evaluations, list of FYPs supervised by faculty, and grades report, so I can assess progress and identify possible issues.	3	19	Given that the FYP committee member is logged in when the member clicks the 'Reports' button and selects report type e.g. missing evaluations then system generates report according to the selected type and allows member to download the report
3	As an FYP committee member, I want to receive notifications whenever a project supervisor has reached their maximum project limit of 6 FYPs, so I can give the extra projects to some other Supervisor having less workload.	2	20	Given a supervisor has reached maximum limit of 6 FYPs assigned when FYP committee member attempts to assign a project to that supervisor then the system shows notification about the supervisor having reached the maximum number of FYPs assigned and prevents further assignment of FYPs to that supervisor
9	As an FYP committee member, I	2	21	Given FYP committee member is logged in when FYP committee member clicks on 'Students' button

	want to be able to see lists of all registered students in the FYP1, so that I can manage the allocation of projects accordingly.			then system displays all registered students with their information
32	As a supervisor, I want to be able to offer suggestions to the FYP Panel Members on various areas of the FYP program, so that I can contribute to the overall improvement.	3	22	Given That the Supervisor is logged in and That the Supervisor is assigned to an FYP Student Group when The Supervisor wants to offer suggestions on various project aspects then The system should send these suggestions to the panel members and Let the panel members view and respond to these suggestions
19	As a panel member, I want to fill out the evaluation form so that I can participate in the assessment process.	4	23	Given Panel member has logged in when the panel member selects a specific FYP for evaluation then the system redirects the member to an evaluation form
13	As a student, I want to view reviews and suggestions from the panel members so that I can improve the quality of my work	2	24	Given Student has enrolled for the FYP and have logged in when the student selects the 'Reviews' section then the system displays the reviews and suggestions related to the project from the panel members

20	As a panel member, I want to receive notifications for missing evaluation forms so that I can complete the pending evaluations	1.5	25	Given Panel member has logged in and have received a notification for missing form when the panel member clicks on the notification then the system redirects the member to the evaluation form of the project that has not been evaluated yet
24	As a supervisor, I want to be able to access FYP materials (proposals, final reports etc) submitted by my student groups so that I can examine them.	2	26	Given That the Supervisor is logged in and That the Supervisor is assigned to an FYP Student Group when The Supervisor wants to view materials submitted by students of each FYP project they are supervising then The system should let the supervisor access the various material each student group has submitted
10	As an FYP committee member, I want to view the specific details of the FYP groups, members, the assigned supervisor etc., so that I can have information on each FYP as well as the group dynamics.	2	27	Given FYP committee member is logged in and accesses FYP groups list when FYP committee member selects an FYP group then system displays Group Members and their information and display the assigned supervisor and their details and display project information including title and description
30	As a supervisor, I want to see the evaluation forms and grades submitted by	2	28	Given That the Supervisor is logged in and That the Supervisor is assigned to an FYP Student Group when The Supervisor wants to view the evaluation forms and grades submitted by panel members for

Project Planner

Sprint 1: Initial Setup

User Story	Description	Assigned To	Status	Start Date	End Date
1	Create user accounts	Fahad Alam	Done	12-04-24	12-04-24

2	Assign User roles	Fahad Alam	Done	13-04-24	13-04-24
7	Create Project Panels	Fahad Alam	Done	13-04-24	13-04-24
8	Assign FYP groups to Panels	Fahad Alam	Done	14-04-24	14-04-24
18	Access Assigned FYPs	Hania Zahid	Done	16-04-24	16-04-24
12	View Assigned Panel	Hania Zahid	Done	16-04-24	16-04-24
11	View Project Details	Hania Zahid	Done	16-04-24	16-04-24
21	View all active FYPs	Fatima Imran	Done	16-04-24	16-04-24
22	View details of each FYP	Fatima Imran	Done	16-04-24	16-04-24
27	Communicate with Assigned Groups	Fatima Imran	Done	17-04-24	17-04-24

Sprint 2: Submission and Reports

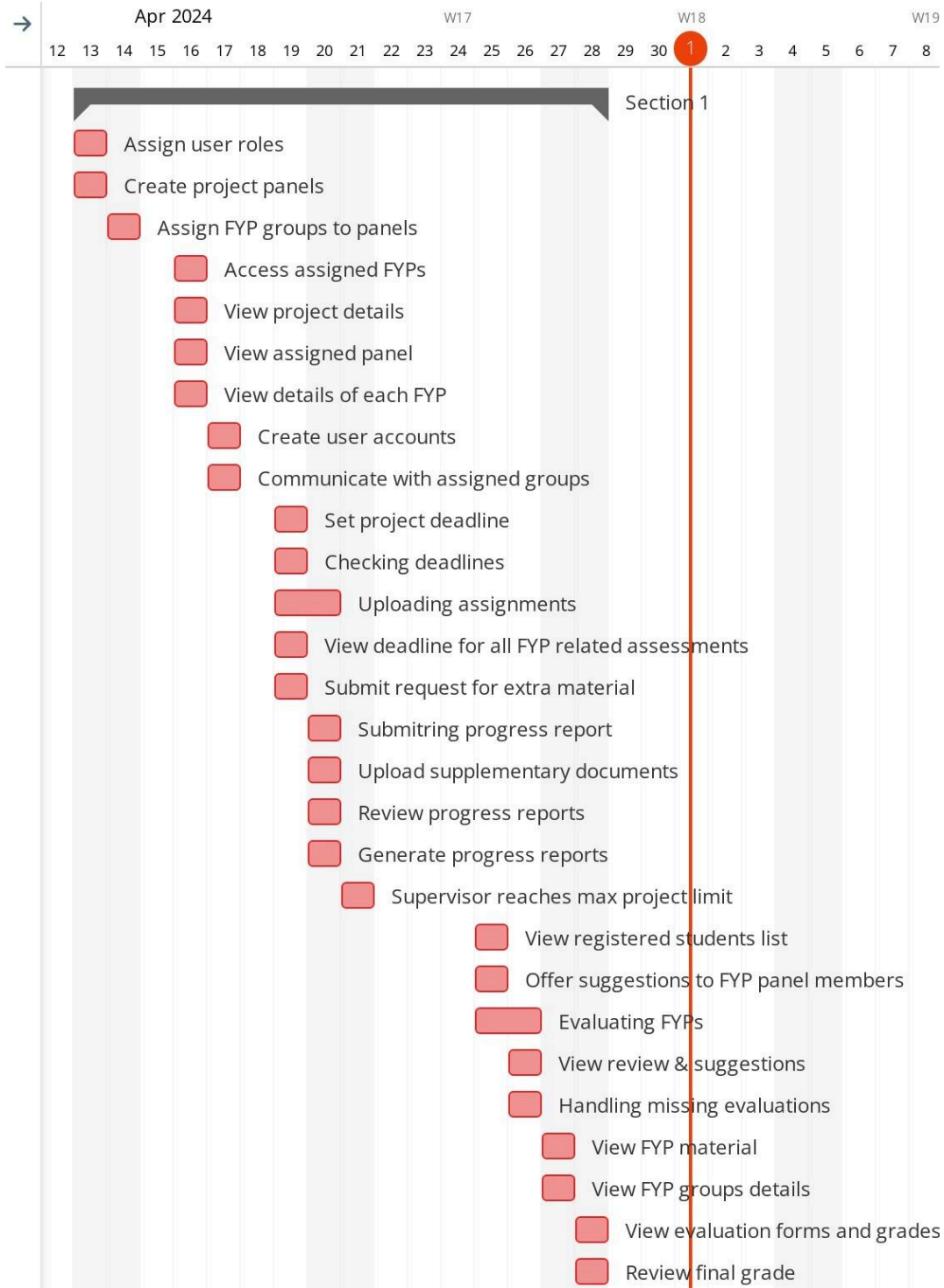
User Story	Description	Assigned To	Status	Start Date	End Date
6	Set project deadline	Fahad Alam	Done	19-04-24	19-04-24
14	Checking deadlines	Hania Zahid	Done	19-04-24	19-04-24
16	Uploading assignments/deliverables	Hania Zahid	Done	19-04-24	20-04-24
25	View Deadline for all the FYP related assessments	Fatima Imran	Done	19-04-24	19-04-24
17	Submitting progress report	Hania Zahid	Done	20-04-24	20-04-24
28	Submit Request for Extra Material	Fatima Imran	Done	19-04-24	19-04-24
29	Upload Supplementary Documents	Fatima Imran	Done	20-04-24	20-04-24

23	Review Progress Reports	Fatima Imran	Done	20-04-24	20-04-24
5	Generate project reports	Fahad Alam	Done	20-04-24	20-04-24
3	Supervisor reaches max project allocation limit	Fahad Alam	Done	21-04-24	21-04-24

Sprint 3: Enhanced Functionality

User Story	Description	Assigned To	Status	Start Date	End Date
9	View Registered Students list	Fahad Alam	Done	25-04-24	25-04-24
32	Offer Suggestions to FYP Panel Members	Fatima Imran	Done	25-04-24	25-04-24
19	Evaluating FYPs	Hania Zahid	Done	25-04-24	26-04-24
13	View Review & Suggestions	Hania Zahid	Done	26-04-24	26-04-24
20	Handling Missing Evaluations	Hania Zahid	Done	26-04-24	26-04-24
24	View FYP Material	Fatima Imran	Done	27-04-24	27-04-24
10	View FYP group's details	Fahad Alam	Done	27-04-24	27-04-24
30	View Evaluation Forms and Grades	Fatima Imran	Done	28-04-24	28-04-24
15	Review final grade	Hania Zahid	Done	28-04-24	28-04-24

Gantt Chart

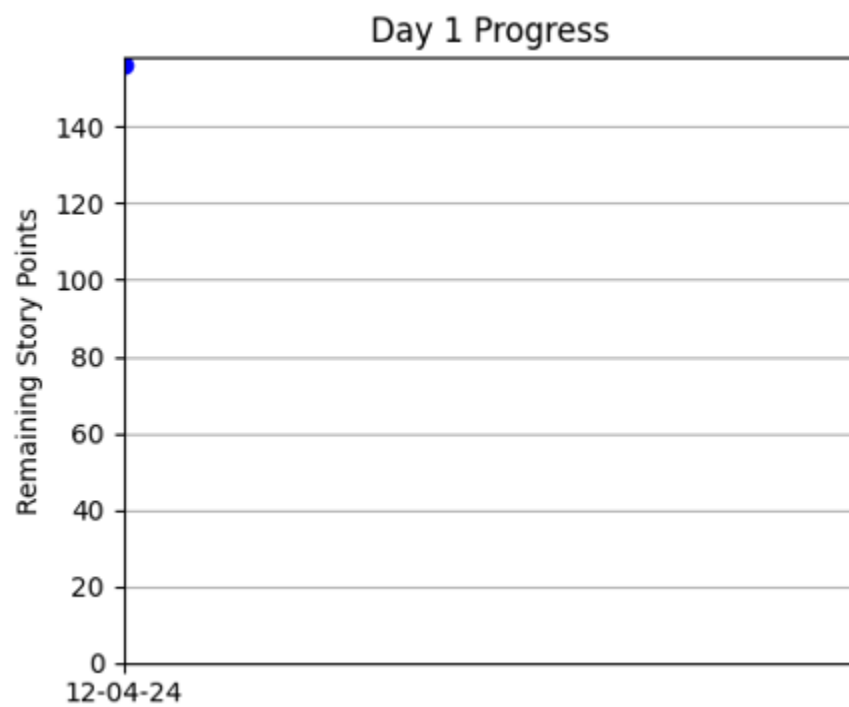


Sprint Burn Down Charts:

Sprint 1:

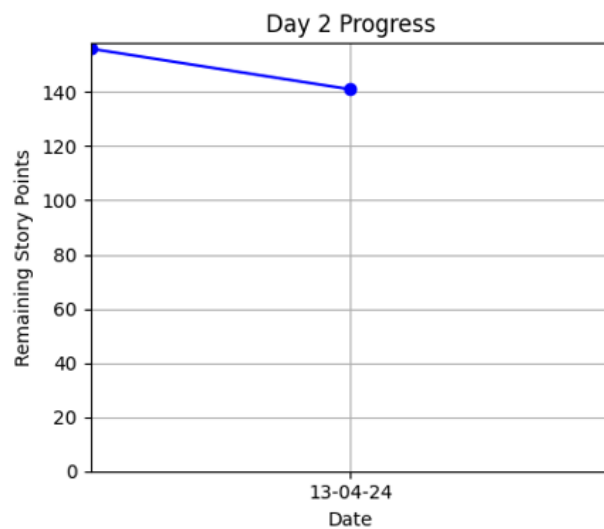
Day 1 Progress

Date	Remaining Story Points
12-04-24	156



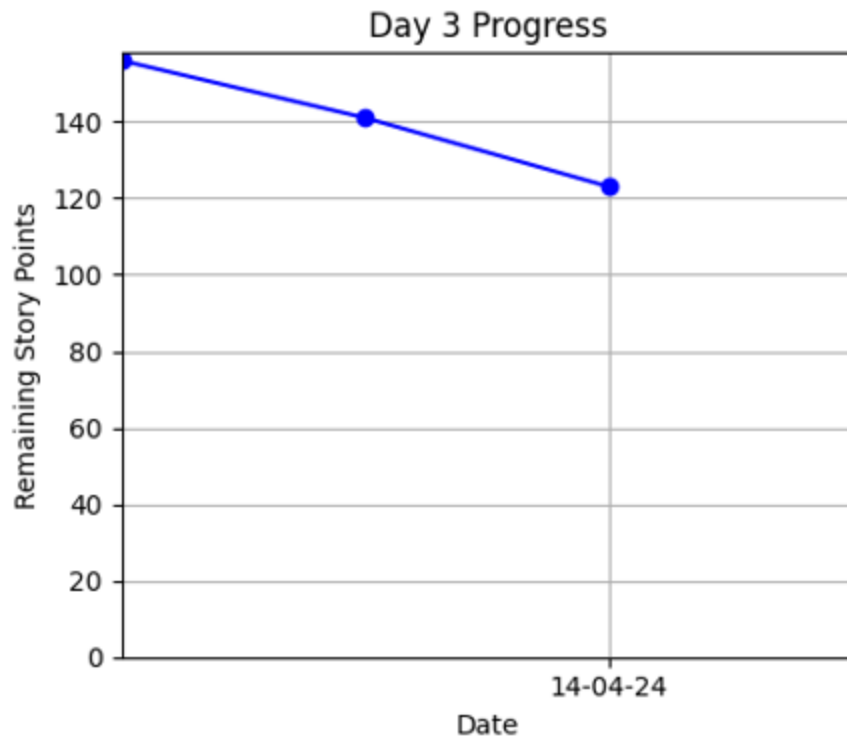
Day 2 Progress

Date	Remaining Story Points
12-04-24	156
13-04-24	141



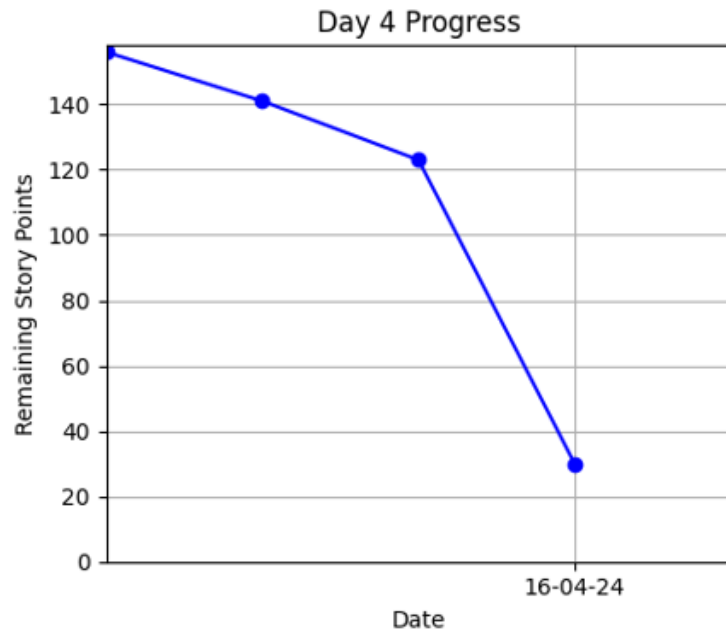
Day 3 Progress

Date	Remaining Story Points
12-04-24	156
13-04-24	141
14-04-24	123



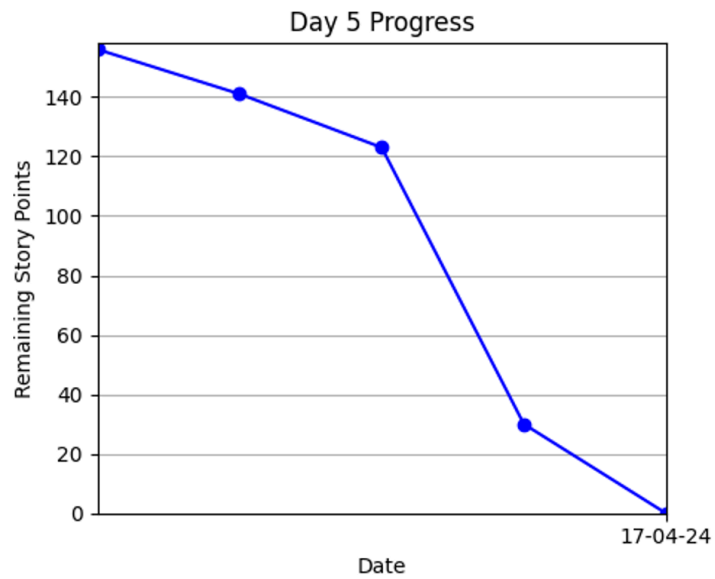
Day 4 Progress

Date	Remaining Story Points
12-04-24	156
13-04-24	141
14-04-24	123
16-04-24	30



Day 5 Progress

Date	Remaining Story Points
12-04-24	156
13-04-24	141
14-04-24	123
16-04-24	30
17-04-24	0



Sprint 2:

Table for Day 1 (19th April)

Date	Remaining Story Points
19-04-24	90

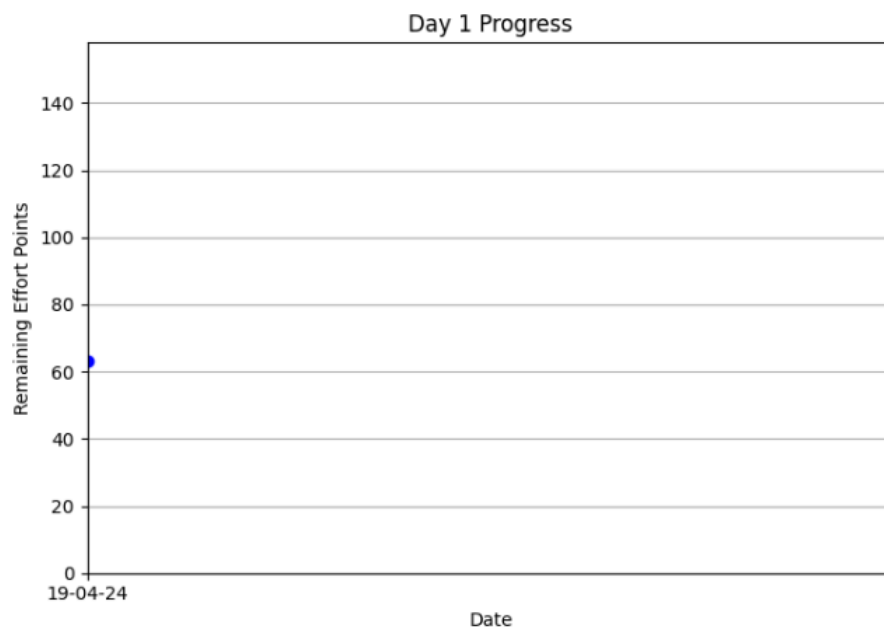


Table for Day 2 (20th April)

Date	Remaining Story Points
19-04-24	90
20-04-24	75

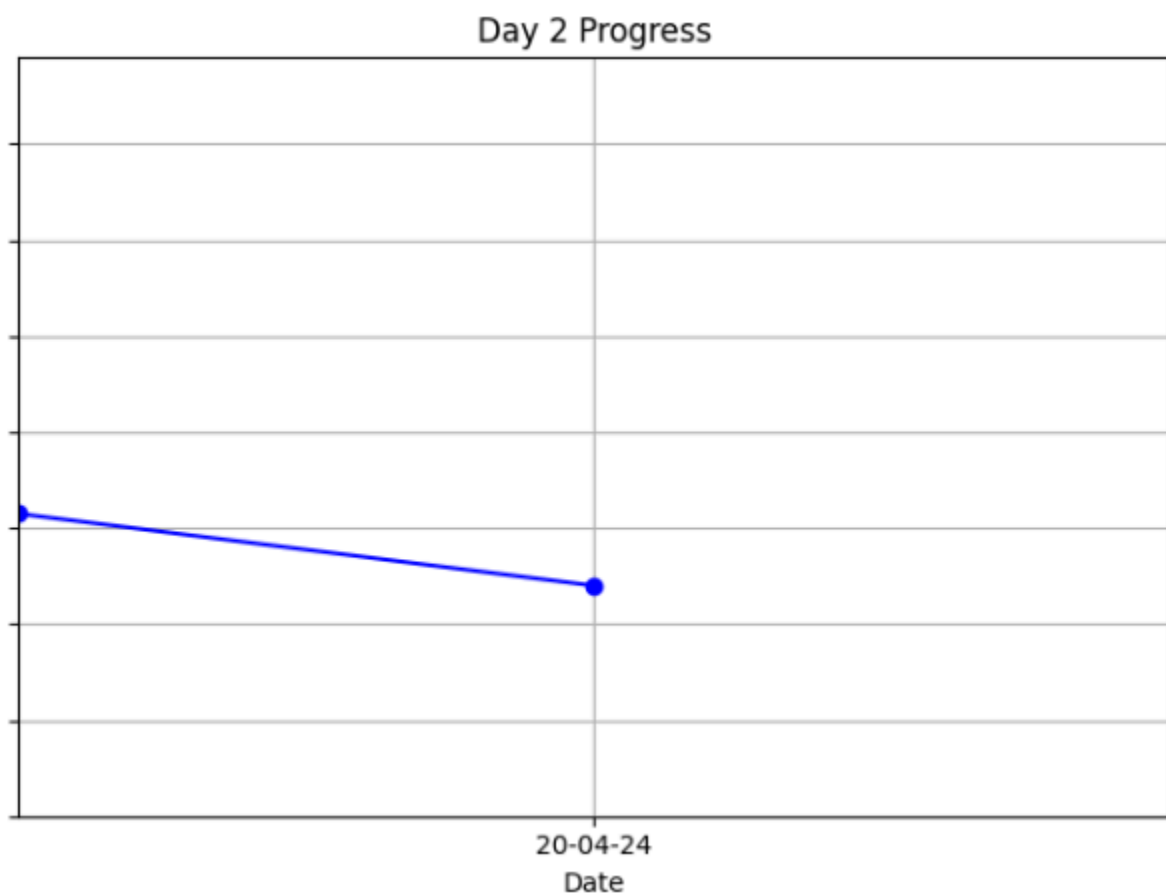
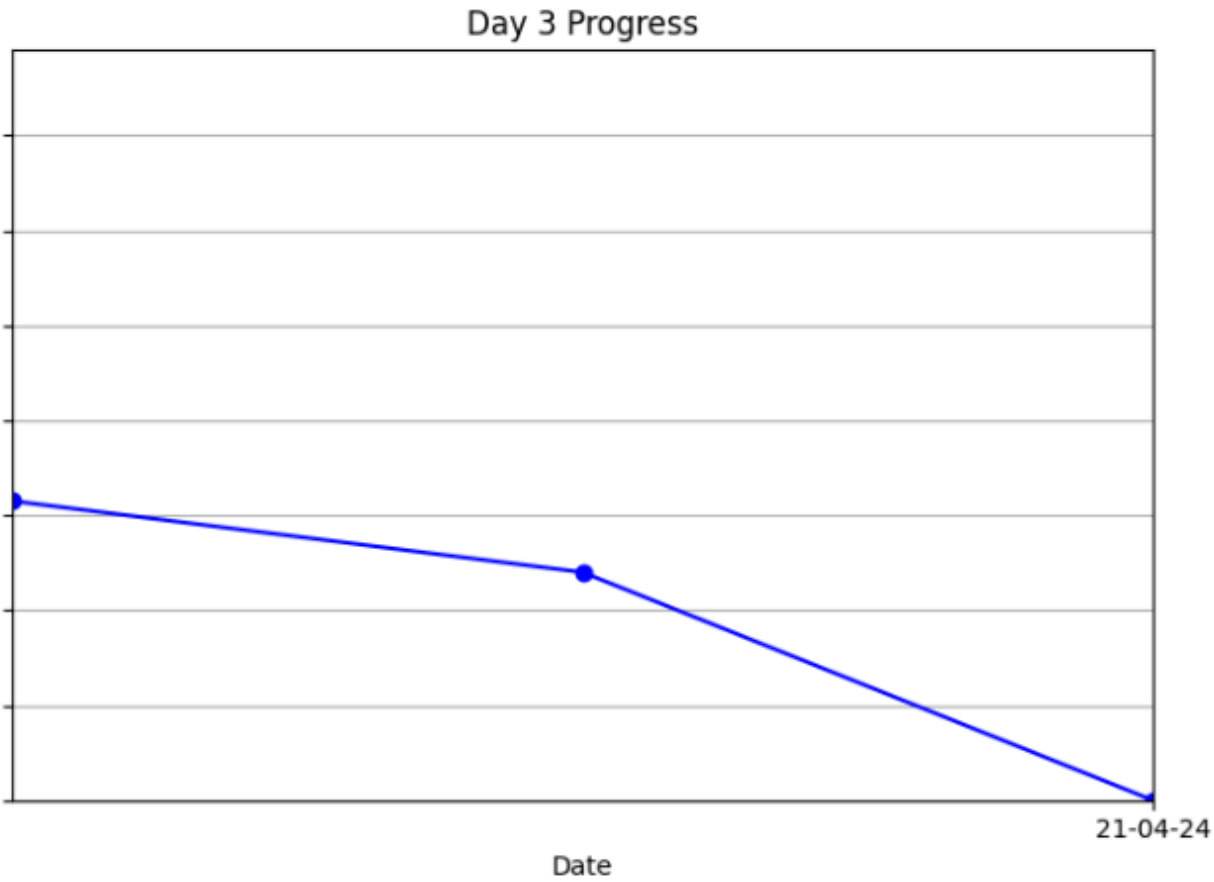


Table for Day 3 (21st April)

Date	Remaining Story Points
------	------------------------

19-04-24	90
20-04-24	75
21-04-24	27



Sprint 3:

Table for Day 1 (25th April)

Date	Remaining Story Points
25-04-24	120

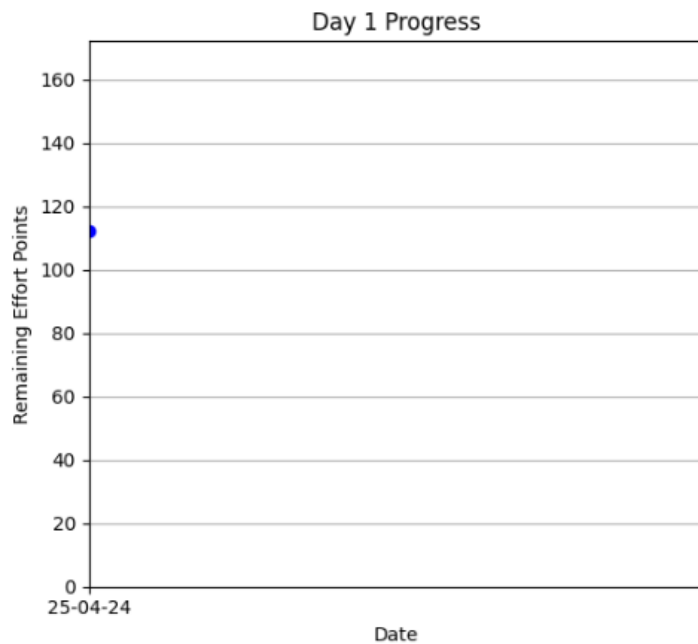


Table for Day 2 (26th April)

Date	Remaining Story Points
25-04-24	120
26-04-24	87

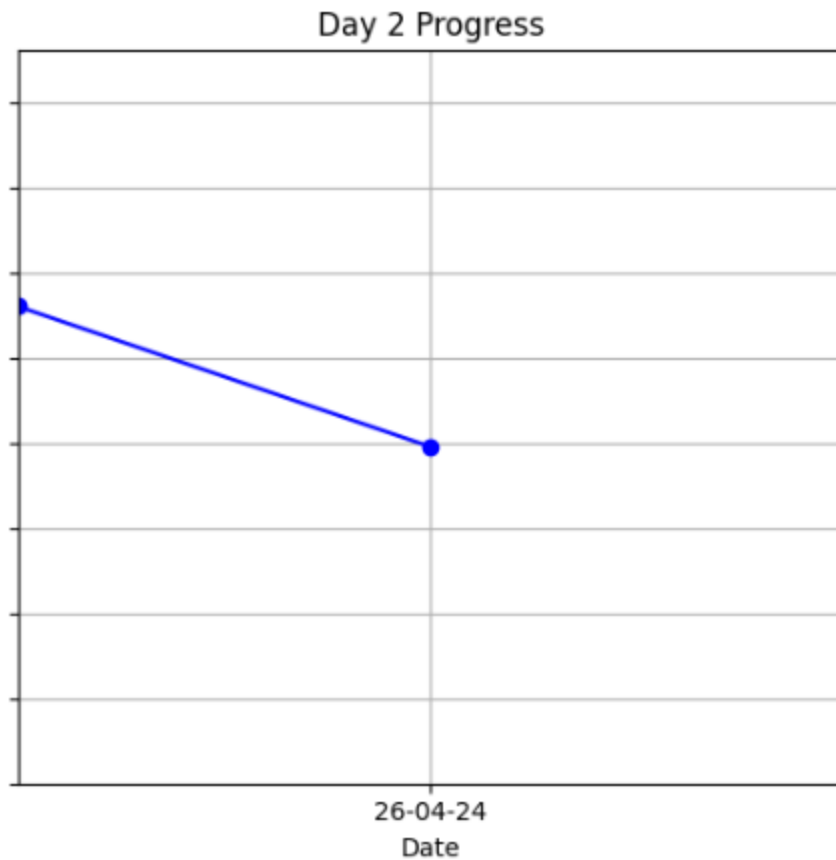


Table for Day 3 (27th April)

Date	Remaining Story Points
25-04-24	120
26-04-24	87
27-04-24	53

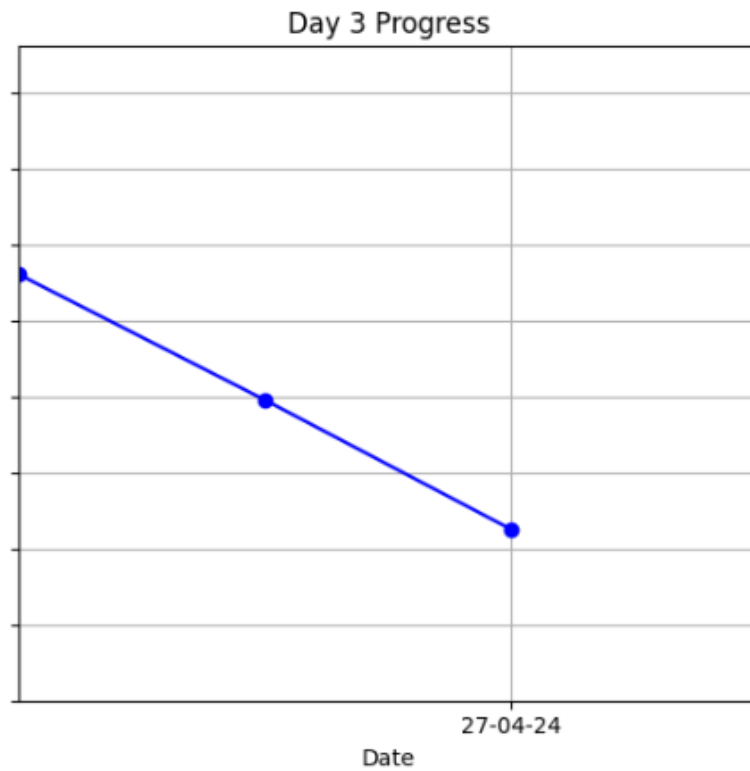
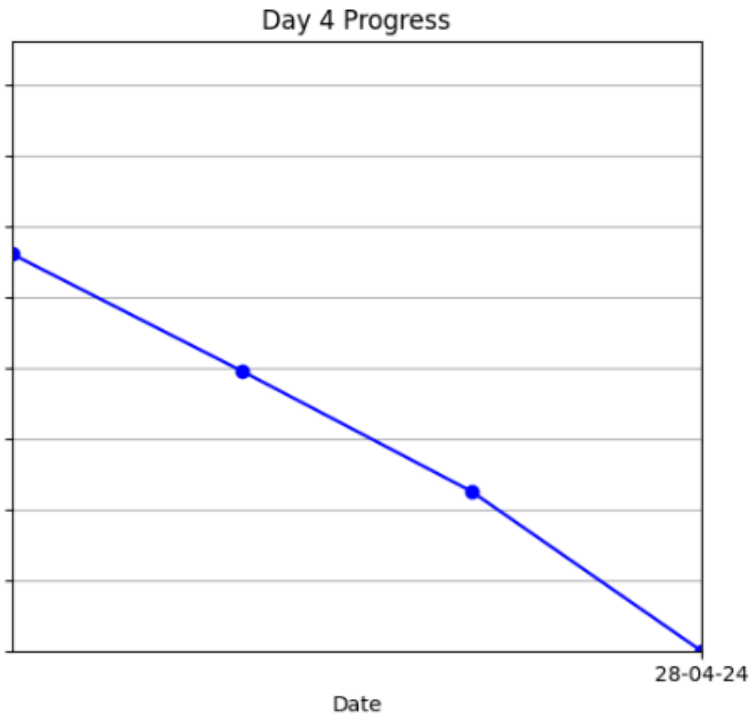


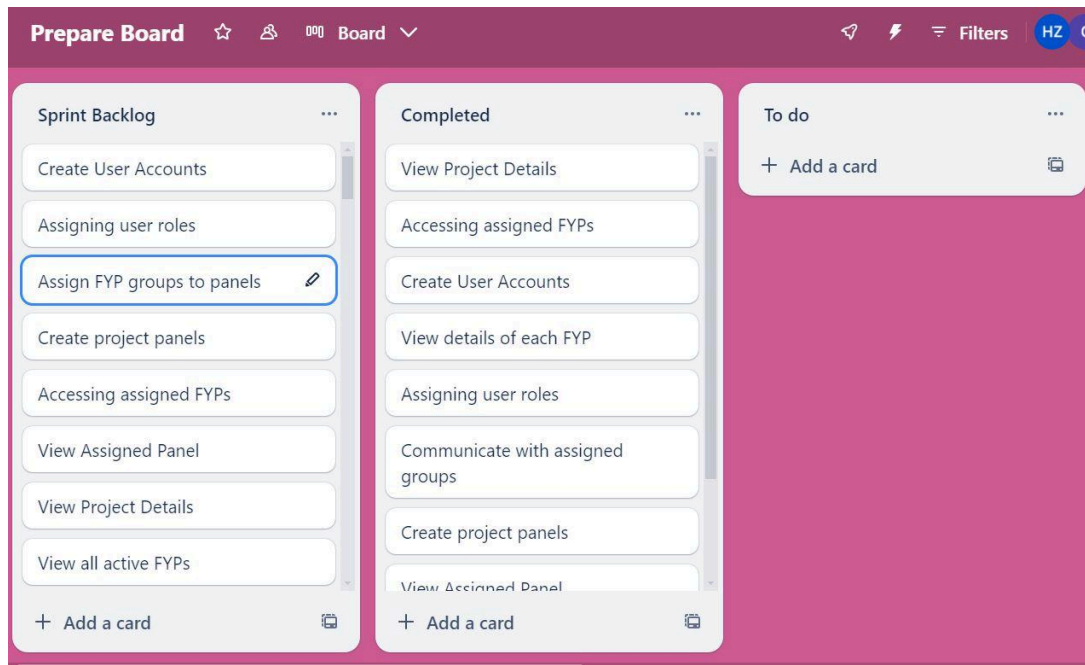
Table for Day 4 (28th April)

Date	Remaining Story Points
25-04-24	120
26-04-24	87
27-04-24	53
28-04-24	8

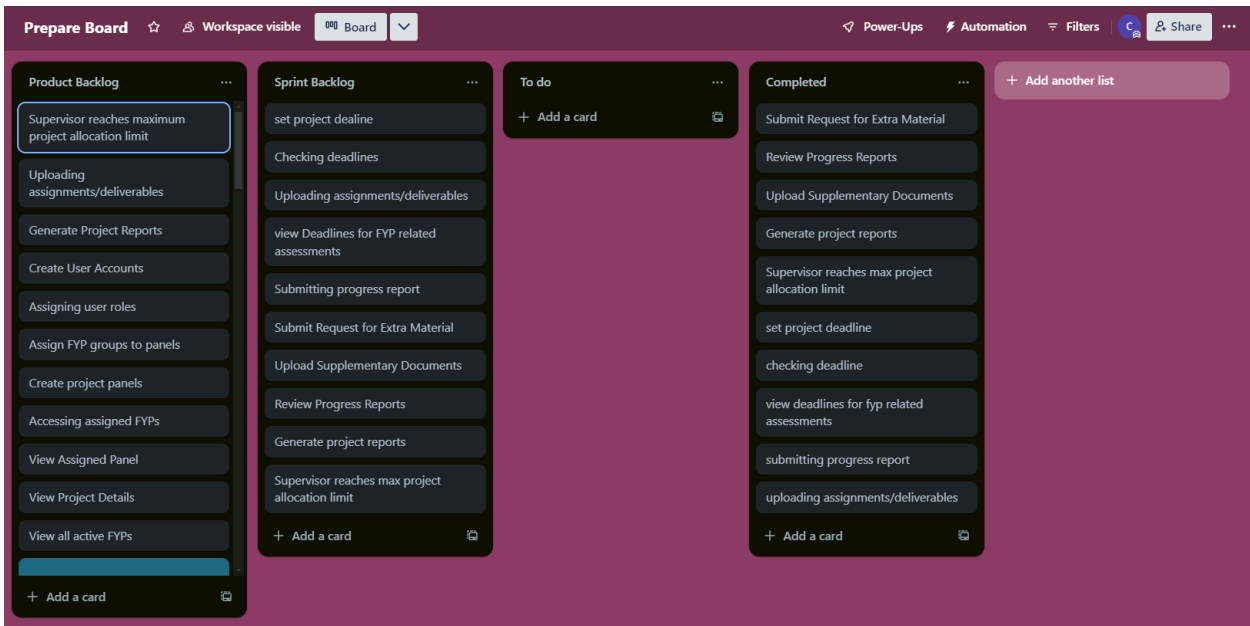


Trello Board Screenshots

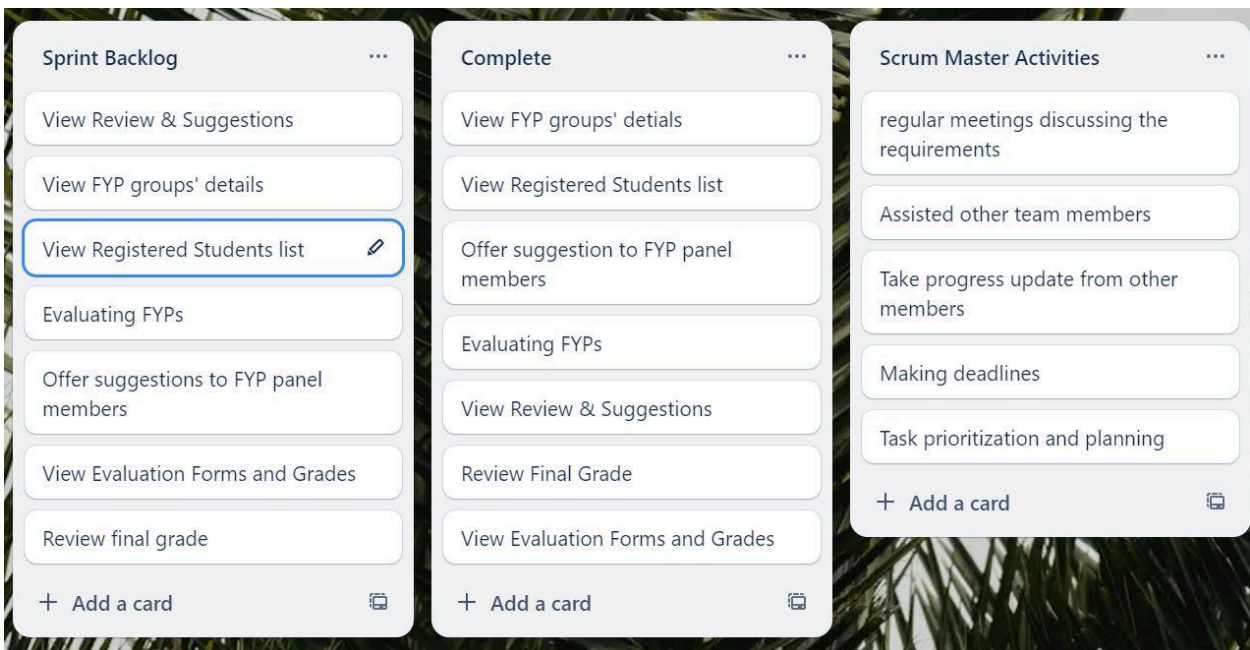
Sprint 1



Sprint 2



Sprint 3



Equivalent Class Partitioning and Boundary Values:

User Story: Evaluating FYPs

Fields:

- **Project ID**(dropdown menu)
- **Comment** (text input)
- **Score** (radio buttons)

Equivalent Class Partitions

Field	Valid Classes	Invalid Classes
Project ID	All projects assigned to the specific panel member	Projects not assigned to the panel member
Comment	Text (not greater than 50 characters)	Text greater than 50 characters
Score	Only 1 button selected from each row	More than 1 button selected from the row

Boundary Values:

Field	Boundary Values	
	Valid	Invalid
Comment	0,1,25,49, 50	51

Number of Test Cases:

Weak Equivalence: 3

Strong Equivalence: 6

User Story: Uploading Assignment/Progress Report

Fields:

- **Choose File** (search box)
- **Upload File** (button)

Equivalent Class Partitions

Field	Valid Classes	Invalid Classes
Choose File	Path of the file present in the same directory	Empty string, special characters, files not in the same directory
Upload	Correct path, all file formats	Incorrect file path, empty string

Boundary Values:

Field	Boundary Values	
	Valid	Invalid
Choose File	Correct path	Special characters

Number of Test Cases:

Weak Equivalence: 2

Strong Equivalence: 4

User Story: Create User Accounts

Field	Valid Classes	Invalid Classes
username	Alphanumeric, unique usernames	Empty, non-unique, or special characters
password_hash	Properly hashed passwords	Empty or poorly hashed strings
role	Student, Supervisor, Panel Member	Undefined or empty roles
first_name	Alphabetic names	Empty or special characters only
last_name	Alphabetic names	Empty or special characters only

Boundary Values:

Field	Valid Boundary	Invalid Boundary
username	Unique usernames	Non-unique usernames
password_hash	Properly hashed	Empty or improperly hashed
role	Defined roles	Undefined roles
first_name	Non-empty strings	Empty strings or numbers
last_name	Non-empty strings	Empty strings or numbers

Test Case Counts

- Weak Equivalence Testing: 1
- Strong Equivalence Testing: 2

User Story: Create Project Panels

Field	Valid Classes	Invalid Classes
panel_name	Non-empty, alphanumeric strings	Empty or non-alphanumeric
panel_leader_id	Existing user IDs	Non-existing, invalid, or empty

Boundary Values

Field	Valid Boundary	Invalid Boundary
panel_name	Non-empty strings	Empty strings
panel_leader_id	Existing user IDs	Non-existing user IDs

Test Case Counts

- Weak Equivalence Testing: 1
- Strong Equivalence Testing: 2

User Story: Assign FYP Groups to Panels

Field	Valid Classes	Invalid Classes
group_id	Existing group IDs	Non-existing, invalid, or empty
panel_id	Existing panel IDs	Non-existing, invalid, or empty

Boundary Values

Field	Valid Boundary	Invalid Boundary
group_id	Existing group IDs	Non-existing group IDs
panel_id	Existing panel IDs	Non-existing panel IDs

Test Case Counts

- Weak Equivalence Testing: 1
- Strong Equivalence Testing: 2

User Story: Create Reports

Field	Valid Classes	Invalid Classes
report_type	Non-empty, valid report types	Empty or undefined report types
generated_by	Existing user IDs	Non-existing, invalid, or empty
created_at	Proper datetime values	Invalid, empty, or malformed

Boundary Values

Field	Valid Boundary	Invalid Boundary
report_type	Defined report types	Undefined report types
generated_by	Existing user IDs	Non-existing user IDs
created_at	Valid datetime values	Malformed or empty

Test Case Counts

- Weak Equivalence Testing: 1
- Strong Equivalence Testing: 2

User Story: Set Project Deadlines

Field	Valid Classes	Invalid Classes
project_id	Existing project IDs	Non-existing, invalid, or empty
submission_deadline	Proper datetime format	Invalid or empty datetime
evaluation_deadline	Proper datetime format	Invalid or empty datetime

Boundary Values

Field	Valid Boundary	Invalid Boundary
project_id	Existing project IDs	Non-existing project IDs

submission_deadline	Valid datetime values	Malformed or empty
evaluation_deadline	Valid datetime values	Malformed or empty

Test Case Counts

- Weak Equivalence Testing: 1
- Strong Equivalence Testing: 2

User Story: Upload Supplementary Documents

Field	Valid Classes	Invalid Classes
Assigned Student Group	Existing group	Non-existing group, empty
Supervisor Login Status	True	False
Supplementary Document	Valid file format	Invalid file format, empty

Boundary Values:

Field	Valid Boundary	Invalid Boundary
Assigned Student Group	Unique existent group	Non-existing group, empty
Supplementary Document	PDF	JPEG,PNG,HTML etc

Test Case Counts

- Weak Equivalence Testing: 2
- Strong Equivalence Testing: 6

User Story: Communicate With Assigned Student Groups

Field	Valid Classes	Invalid Classes
Assigned Student Group	Existing group	Non-existing group, empty
Supervisor Login Status	True	False
Supervisor Responses	Non-empty text	Empty

Boundary Values:

Field	Valid Boundary	Invalid Boundary
Assigned Student Group	Unique existent group	Non-existing group, empty
Supervisor Responses	Maximum character limit	Empty, above or below limit

Test Case Counts

- Weak Equivalence Testing: 1
- Strong Equivalence Testing: 3

GUI of the Project:

FYP Committee Member Interface

Home Page

[Back](#)

FYP Manager Home

Assign FYP

Create Project Panel

Create User

Generate Reports

Set Project Deadlines

View FYP Group Details

Create Group

View Registered Students

View FYP Group Details

[←](#)

Committee Member [Home](#) [Assign FYP](#) [Generate Reports](#) [Set Deadlines](#) [View FYP Group Details](#) [View Registered Students](#) [Create User](#) [Logout](#)

Select FYP Group

ABC

Project Information

Project Title: ABC

Supervisors

Supervisor: fac_Fahad
Co-Supervisor:

Set Project Deadline

Committee Member

Home

Assign FYP

Generate Reports

Set Deadlines

View FYP Group Details

View Registered Students

Create User

Logout

Set Project Deadlines

Select FYP

Development of a Mobile Ap

Submission Deadline

11/05/2024

Evaluation Deadline

17/05/2024

Save Deadlines

Project Title	Start Date	Submission Deadline	Evaluation Deadline
	2024-06-01		
	2024-05-01		

View the Registered Students

Committee Member

Home

Assign FYP

Generate Reports

Set Deadlines

View FYP Group Details

View Registered Students

Create User

Logout

Registered Students List

User ID	Username	First Name	Last Name	Group Number
2	21i0381	Shaiza	Rashid	1
3	21i2598	Fatima	Imran	2

Generate Project Reports

Generate Project Reports

Select Report Type

Missing Evaluations

Generate Report

Create and Assign User Roles

Create User Account

Username

Password

Role

Student

First Name

Last Name

Assign FYP to Supervisor

[←](#) **Committee Member** [Home](#) [Assign FYP](#) [Generate Reports](#) [Set Deadlines](#) [View FYP Group Details](#) [View Registered Students](#) [Create User](#) [Logout](#)

Assign FYP to Supervisor

Select Group

Select Supervisor

Fahad Alam

Select Co-Supervisor

Fahad Alam

Select Panel

Panel1

Assign FYP

Panel Member Interface

Home

[Home](#) [Assigned FYPs](#) [Evaluations](#) [Missing Evaluations](#) [Sign Out](#)

University Information

Username: fac_Rasab

Campus: Islamabad

Personal Information

First Name: Rasab

Last Name: Zahid

Contact Details

Email: random@gmail.com

Phone Number: +92 1234567890

View Assigned Projects

[Home](#)
[Assigned FYPs](#)
[Evaluations](#)
[Missing Evaluations](#)
[Sign Out](#)

Assigned FYPs		
Project Number	Group Members	Project Description
1	Brock Lesnar Shaiza Rashid	Development of a Mobile Application for Task Management
2	Fatima Imran	Design and Implementation of an E-commerce Website
3		

Evaluation Form

Home	Assigned FYPs	Evaluations	Missing Evaluations	Sign Out
------	---------------	-------------	---------------------	----------

Project

FYP 1 Evaluation Form

1. FYP Poster

0 1 2 3 4 5 6 7 8 9 10

min ○ ● ○ ○ ○ ○ ○ ○ ○ max

2. Iteration Definition, FYP Plan, Work Breakdown

0 1 2 3 4 5 6 7 8 9 10

min ○ ● ○ ○ ○ ○ ○ ○ ○ ○ max

View Missing Evaluations

Home	Assigned FYPs	Evaluations	Missing Evaluations	Sign Out
Missing Evaluations				
Project ID	Evaluation Status			
6	Missing			

Student Interface

Login

Login

Username

Password

Role

Student

▼

Login

Home

Home

Project Details

Reviews & Suggestions

Submit Progress Report

Submit Assignments

Transcript

Sign Out

University Information

Student_ID: 21i0381

Campus: Islamabad

Group Number: 1

Personal Information

First Name: Shaiza

Last Name: Rashid


Contact Details

Email: random@gmail.com

Phone Number: +92 1234567890

Semester GPA

SGPA



View Final Grade

Home

Project Details

Reviews & Suggestions

Submit Progress Report

Submit Assignments

Transcript

Sign Out

Fall 2021

CGPA:3.2

SGPA:3.2

Spring 2022

CGPA:3.3

SGPA:3.4

Course Name	Grade	GPA
Math	A	4.0
English	B	3.0
Science	C	2.0
Social Studies	A	4.0
Geography	B	3.0

Course Name	Grade	GPA
History	A	4.0
Accounts	B	3.0
Biology	C	2.0
Chemistry	A	4.0
Physics	A	4.0

Fall 2022

CGPA:3.2

SGPA:3.0

Spring 2023

CGPA: 3.4

SGPA: 4.0

Course Name	Grade	GPA
Data Structures	A	4.0
Discrete Structures	B	3.0
COAL	C	2.0
Linear		

Course Name	Grade	GPA
FYP1	A	4

View Project Details/ Assigned Panel

Home

Project Details

Reviews & Suggestions

Submit Progress Report

Submit Assignments

Transcript

Sign Out

Group Members

Index	Group Member
Brock	Lesnar
Shaiza	Rashid

Project Details

Description:

Development of a Mobile Application for Task Management

Supervisor:

Fahad Alam

Co-Supervisor:

No co-supervisor

Assigned Panel

Panel Number:

1

Panel Name:

Panel1

Panel Leader:

Rasab Zahid

View Review/Suggestions given

Home

Project Details

Reviews & Suggestions

Submit Progress Report

Submit Assignments

Transcript

Sign Out

Reviews & Suggestions

Review	Date
Good Effort	05/05/2024 12:00:00 am

Progress Report

Choose File

No file chosen

Upload

Submit Progress Report

Upload Assignments

Upload Assignment				
Assignment Number	Project ID	Due Date		
1	1	30/04/2024	<input type="button" value="Choose File"/> No file chosen	<input type="button" value="Upload"/>
2	1	01/05/2024	<input type="button" value="Choose File"/> No file chosen	<input type="button" value="Upload"/>

Supervisor Interface

Home Page

Supervisor Home Page	Active FYP	FYP Panel Member	Logout
----------------------	------------	------------------	--------

View Active FYPs

View FYP Panel Members

Logout

View Active FYPs

Supervisor Home Page[Active FYP](#)[FYP Panel Member](#)[Logout](#)

Here Are Your Active FYPs

1

Development of a Mobile Application for Task Management

Select

2

Design and Implementation of an E-commerce Website

Select

3

Machine Learning for Sentiment Analysis in Social Media

Select

4

Development of a Smart Home Automation System

Select

5

Analysis of Cryptocurrency Trends

Select

6

Future of AI: Flying Cars

Select

Active FYP Menu

Supervisor Home Page[Active FYP](#)[FYP Panel Member](#)[Logout](#)

Supervisor Active FYP Menu

FYP Materials

Deadlines

Alerts

Evaluations

Communicate with Group

Supplementary Material

FYP Materials

Supervisor Home Page

Active FYPFYP Panel MemberLogout

Future of AI:Flying Cars

Choose From the Following FYP Materials

Final Report

Select

Progress Report

Select

Proposals

Select

Go Back

Final Report

Supervisor Home Page

Active FYPFYP Panel MemberLogout

Final Report: Development of a Mobile Application for Task Management

Report Date: Monday, April 1, 2024

Report Content:

This is the final report for FYP ID 1.

Group Members: John Doe, Alice Smith, Michael Johnson

Back to FYP Materials

Proposals

Supervisor Home Page[Active FYP](#)[FYP Panel Member](#)[Logout](#)

Proposals: Development of a Mobile Application for Task Management

Date of Proposal: Monday, April 1, 2024

Proposal Content:

This is the proposal for FYP ID 1.

Group Members: John Doe, Alice Smith, Michael Johnson

[Back to FYP Materials](#)

Progress Report

Supervisor Home Page[Active FYP](#)[FYP Panel Member](#)[Logout](#)

Progress Report: Development of a Mobile Application for Task Management

Report Date: Monday, April 1, 2024

Report Content:

This is the progress report for FYP ID 1.

Group Members: John Doe, Alice Smith, Michael Johnson

[Back to FYP Materials](#)

Alerts

Supervisor Home Page

Active FYPFYP Panel MemberLogout

Supervisor Alerts

There are no missing reviews for this FYP.

Go Back

Deadlines

Supervisor Home Page

Active FYPFYP Panel MemberLogout

Development of a Mobile Application for Task Management

Assignment Number: 1

Deadline: 2024-06-15

Status: False

Group Members: John Doe, Alice Smith, Michael Johnson

Development of a Mobile Application for Task Management

Assignment Number: 2

Deadline: 2024-07-15

Status: False

Group Members: Michael Johnson, Alice Smith, John Doe

Evaluation Details

Supervisor Home Page[Active FYP](#)[FYP Panel Member](#)[Logout](#)

Evaluation Details

No evaluations yet for this project. Send a request to the panel to process evaluations.

[Go Back](#)

Communicate with Students

Supervisor Home Page[Active FYP](#)[FYP Panel Member](#)[Logout](#)

Communicate With Your Students

Message Content:

[Send Message](#) [Go Back](#)

Supplementary Material

Supervisor Home PageActive FYP FYP Panel Member Logout

Supervisor Supplementary Material Page

Choose file

Browse

Upload

Back to FYP Materials

Submit Request

Supervisor Home PageActive FYP FYP Panel Member Logout

Supervisor Submit Request

Enter your request content

Submit

Go Back

Submit Request

Supervisor Home Page

Active FYP

FYP Panel Member

Logout

Make A Suggestion

-- Select Panel Member --

Enter your suggestion

Submit

Go Back

Katalon Test Scripts:

The screenshot displays the Katalon Studio Enterprise interface. The left sidebar shows the 'Tests Explorer' with a tree view containing 'Profiles', 'Test Cases', 'Evaluations', 'Login', 'Object Repository', 'Page', 'Page_Here Are All Of You', 'Page_Login', 'Page_Supervisor Active F', 'Page_Supervisor Final Reg', 'Test Suites', 'Data Files', 'Checkpoints', 'Keywords', 'Test Listeners', 'Reports', 'TestOps', 'Include', '.gitignore', 'build.gradle', and 'console.properties'. The main workspace shows a test script for 'Login' with the following steps:

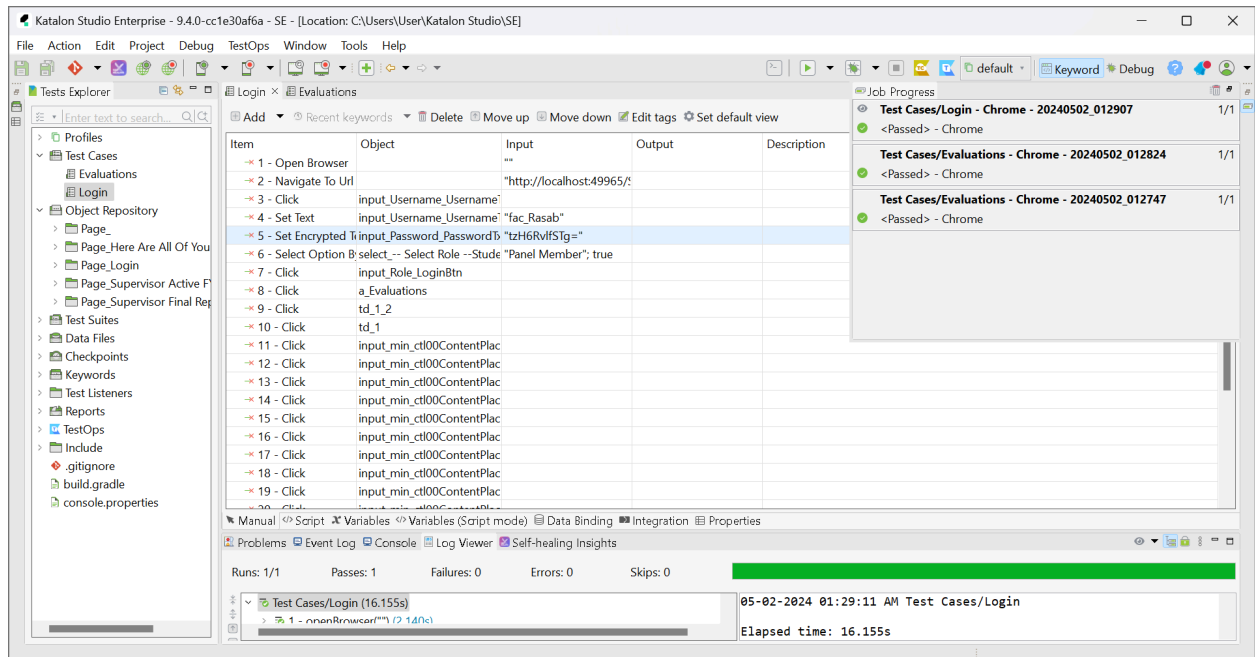
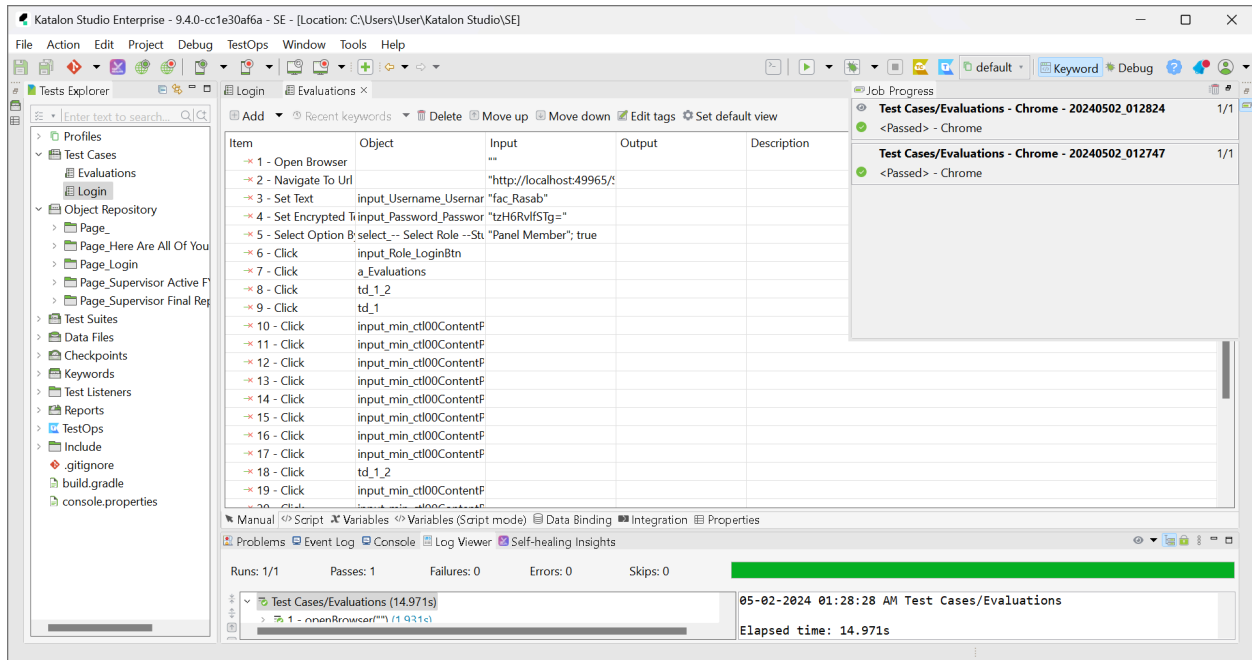
Item	Object	Input	Output	Description
1	Open Browser			
2	Navigate To Url	http://localhost:49965/		
3	Click	input_username_username		
4	Set Text	input_username_username	fac_Rasab	
5	Set Encrypted Text	input_password_password	tzH6RvlfSTg=	
6	Select Option B	select_role	Panel Member	
7	Click	input_role_loginBtn		
8	Click	a_evaluations		
9	Click	td_1_2		
10	Click	td_1		
11	Click	input_min_ct100ContentPlac		
12	Click	input_min_ct100ContentPlac		
13	Click	input_min_ct100ContentPlac		
14	Click	input_min_ct100ContentPlac		
15	Click	input_min_ct100ContentPlac		
16	Click	input_min_ct100ContentPlac		
17	Click	input_min_ct100ContentPlac		
18	Click	input_min_ct100ContentPlac		
19	Click	input_min_ct100ContentPlac		

The bottom status bar shows 'Runs: 1/1', 'Passes: 1', 'Failures: 0', 'Errors: 0', and 'Skips: 0'. The 'Job Progress' panel on the right shows the test case 'Test Cases/Login - Chrome - 20240502_012907' with a status of '<Passed> - Chrome' and a duration of 16.155s.

The screenshot displays the Katalon Studio Enterprise interface. The left sidebar shows the 'Tests Explorer' with a tree view containing 'Profiles', 'Test Cases', 'Evaluations', 'Login', 'Object Repository', 'Page', 'Page_Here Are All Of You', 'Page_Login', 'Page_Supervisor Active F', 'Page_Supervisor Final Reg', 'Test Suites', 'Data Files', 'Checkpoints', 'Keywords', 'Test Listeners', 'Reports', 'TestOps', 'Include', '.gitignore', 'build.gradle', and 'console.properties'. The main workspace shows a test script for 'Evaluations' with the following steps:

Item	Object	Input	Output	Description
1	Open Browser			
2	Navigate To Url	http://localhost:49965/		
3	Set Text	input_username_username	fac_Rasab	
4	Set Encrypted Text	input_password_password	tzH6RvlfSTg=	
5	Select Option B	select_role	Panel Member	
6	Click	input_role_loginBtn		
7	Click	a_evaluations		
8	Click	td_1_2		
9	Click	td_1		
10	Click	input_min_ct100ContentF		
11	Click	input_min_ct100ContentF		
12	Click	input_min_ct100ContentF		
13	Click	input_min_ct100ContentF		
14	Click	input_min_ct100ContentF		
15	Click	input_min_ct100ContentF		
16	Click	input_min_ct100ContentF		
17	Click	input_min_ct100ContentF		
18	Click	td_1_2		
19	Click	input_min_ct100ContentF		

The bottom status bar shows 'Runs: 1/1', 'Passes: 1', 'Failures: 0', 'Errors: 0', and 'Skips: 0'. The 'Job Progress' panel on the right shows the test case 'Test Cases/Evaluations - Chrome - 20240502_012824' with a status of '<Passed> - Chrome' and a duration of 14.971s.



Katalon Studio Enterprise - 9.4.0-cc1e30af6a - SE - [Location: C:\Users\User\Katalon Studio\SE]

File Action Edit Project Debug TestOps Window Tools Help

Tests Explorer

- Profiles
- Test Cases
 - Create User
 - Evaluations
 - Login
 - Request
 - Suggestions
 - Supplementary Material
- Object Repository
 - Page
 - Page_Committee Member Dashboard
 - Page_Here Are All Of Your Active FYPs
 - Page_Login
 - Page_Supervisor Active FYP Menu
 - Page_Supervisor Final Report
- Test Suites
- Data Files
- Checkpoints
- Keywords
- Test Listeners
- Reports
- TestOps
- Include
- Plugins
 - gitignore
 - build.gradle
 - console.properties

Test Cases/Create User - Chrome - 20240505_152358

<Passed> - Chrome

Item	Object	Input	Output
1 - Open Browser			
2 - Navigate To Url		"http://localhost:64121/"	
3 - Set Text	input_username_ct100M	"219836"	
4 - Set Encrypted Text	input_password_ct100Ma	"tzH6RvlfStg="	
5 - Set Text	input_First Name_ct100M	"Bob"	
6 - Set Text	input_Last Name_ct100M	"Marley"	
7 - Click	input_Last Name_ct100M		

Manual <Script> Variables <Variables (Script mode)> Data Binding Integration Properties

Problems Event Log Console Log Viewer Self-healing Insights

Runs: 1/1 Passes: 1 Failures: 0 Errors: 0 Skips: 0

Test Cases/Create User (5.612s)

- 1 - openBrowser("") (1.381s)
- 2 - navigateToUrl("http://localhost:64121/CreateUser.aspx") (1.185s)
- 3 - setText(findTestObject("Object Repository/Page_Committee Member C
- 4 - setEncryptedText(findTestObject("Object Repository/Page_Committee

05-05-2024 03:24:09 PM Test Cases/Create User

Elapsed time: 5.612s

Test Cases/Create User

Katalon Studio Enterprise - 9.4.0-cc1e30af6a - SE - [Location: C:\Users\User\Katalon Studio\SE]

File Action Edit Project Debug TestOps Window Tools Help

Tests Explorer

- Profiles
- Test Cases
 - Create Panel
 - Create User
 - Evaluations
 - Login
 - Request
 - Suggestions
 - Supplementary Material
- Object Repository
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 - Page_Committee Member Dashboard
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 - Page_Login
 - Page_Supervisor Active FYP Menu
 - Page_Supervisor Final Report
- Test Suites
- Data Files
- Checkpoints
- Keywords
- Test Listeners
- Reports
- TestOps
- Include
- Plugins
 - gitignore
 - build.gradle
 - console.properties

Test Cases/Create Panel - Chrome - 20240505_213118

<Passed> - Chrome

Item	Object	Input	Output
1 - Open Browser			
2 - Navigate To Url		"http://localhost:64121/"	
3 - Set Text	input_Panel Name_ct100M	"The Awesomesauce Pan	
4 - Click	input_Add Faculty Mem		
5 - Click	input_Fahad Alam_ct100M		
6 - Click	input_Rasab Zahid_ct100I		
7 - Select Option B	select_Fahad AlamRasab	"5"; true	

Manual <Script> Variables <Variables (Script mode)> Data Binding Integration Properties

Problems Event Log Console Log Viewer Self-healing Insights

Runs: 1/1 Passes: 1 Failures: 0 Errors: 0 Skips: 0

Test Cases/Create Panel (7.091s)

- 1 - openBrowser("") (2.426s)
- 2 - navigateToUrl("http://localhost:64121/CreateProjectPanel.aspx") (1.156s)
- 3 - setText(findTestObject("Object Repository/Page_Committee Member C
- 4 - click(findTestObject("Object Repository/Page_Committee Member Das

05-05-2024 09:31:23 PM Test Cases/Create Panel

Elapsed time: 7.091s

Test Cases/Create Panel

Katalon Studio Enterprise - 9.4.0-cc1e30af6a - SE - [Location: C:\Users\User\Katalon Studio\SE]

File Action Edit Project Debug TestOps Window Tools Help

Tests Explorer

- Profiles
- Test Cases
 - Create Panel
 - Create User
 - Evaluations
 - Login
 - Request
 - Suggestion
 - Supplementary Material
- Object Repository
 - Page
 - Page_Committee Member Dashboard
 - Page_Here Are All Of Your Active FYPs
 - Page_Login
 - Page_Supervisor Active FYP Menu
 - Page_Supervisor Final Report
 - Page_Supervisor Master Page
- Test Suites
- Data Files
- Checkpoints
- Keywords
- Test Listeners
- Reports
- TestOps
- Include
- Plugins
- gitignore
- build.gradle

Request

Item	Object	Input	Output
1 - Open Browser		""	
2 - Navigate To Url		"http://localhost:56517/?"	
3 - Select Option B select_-- Select Panel Me		"1"; true	
4 - Set Text	textarea_Make A Sugges	"Please stop tormenting	
5 - Right Click	textarea_Make A Sugges		
6 - Set Text	textarea_Make A Sugges	"Please stop tormenting	
7 - Click	input_Make A Suggestio		
8 - Click	input_Logout_ctl00Main		
9 - Close Browser			

Job Progress

- Test Cases/Suggestion - Chrome - 20240505_214322
 - <Passed> - Chrome
- Test Cases/Suggestions - Chrome - 20240505_214039
 - <Passed> - Chrome
- Test Cases/Supplementary Material - Chrome - 20240505_213846
 - <Passed> - Chrome

View execution log

Test Suite Report

What's next?

Manual Script Variables Variables (Script mode) Data Binding Integration Properties

Problems Event Log Console Log Viewer Self-healing Insights

Runs: 1/1 Passes: 1 Failures: 0 Errors: 0 Skips: 0

Test Cases/Suggestion (9.141s)

- 1 - openBrowser("") (2.404s)
- 2 - navigateToUrl("http://localhost:56517/SupervisorMakeSuggestion.asp
- 3 - selectOptionByValue(findTestObject("Object Repository/Page_Supervis
- 4 - setText(findTestObject("Object Repository/Page_Supervisor Master Pac

05-05-2024 09:43:27 PM Test Cases/Suggestion

Elapsed time: 9.141s

Test Cases/Suggestion

Katalon Studio Enterprise - 9.4.0-cc1e30af6a - SE - [Location: C:\Users\User\Katalon Studio\SE]

File Action Edit Project Debug TestOps Window Tools Help

Tests Explorer

- Profiles
- Test Cases
 - Create Panel
 - Create User
 - Evaluations
 - Login
 - Request
 - Suggestions
 - Supplementary Material
- Object Repository
 - Page
 - Page_Committee Member Dashboard
 - Page_Here Are All Of Your Active FYPs
 - Page_Login
 - Page_Supervisor Active FYP Menu
 - Page_Supervisor Final Report
 - Page_Supervisor Master Page
- Test Suites
- Data Files
- Checkpoints
- Keywords
- Test Listeners
- Reports
- TestOps
- Include
- Plugins
- gitignore
- build.gradle

Suggestions

Item	Object	Input	Output
1 - Open Browser		""	
2 - Navigate To Url		"http://localhost:56517/?"	
3 - Set Text	textarea_Supervisor Subr	"Kindly extend deadline,	
4 - Click	input_Supervisor Submit		
5 - Click	input_Your request has b		

Job Progress

- Test Cases/Suggestions - Chrome - 20240505_214039
 - <Passed> - Chrome
- Test Cases/Supplementary Material - Chrome - 20240505_213846
 - <Passed> - Chrome

View execution log

Test Suite Report

What's next?

Manual Script Variables Variables (Script mode) Data Binding Integration Properties

Problems Event Log Console Log Viewer Self-healing Insights

Runs: 1/1 Passes: 1 Failures: 0 Errors: 0 Skips: 0

Test Cases/Suggestions (5.414s)

- 1 - openBrowser("") (1.953s)
- 2 - navigateToUrl("http://localhost:56517/SupervisorSubmitRequest.aspx?
- 3 - setText(findTestObject("Object Repository/Page_Supervisor Master Pac
- 4 - click(findTestObject("Object Repository/Page_Supervisor Master Page/

05-05-2024 09:40:43 PM Test Cases/Suggestions

Elapsed time: 5.414s

Test Cases/Suggestions

Katalon Studio Enterprise - 9.4.0-cc1e30af6a - SE - [Location: C:\Users\User\Katalon Studio\SE]

File Action Edit Project Debug TestOps Window Tools Help

Tests Explorer

Enter text to search...

- Profiles
- Test Cases
 - Create Panel
 - Create User
 - Evaluations
 - Login
 - Request
 - Suggestions
 - Supplementary Material
- Object Repository
 - Page
 - Page_Committee Member Dashboard
 - Page_Here Are All Of Your Active FYPs
 - Page_Login
 - Page_Supervisor Active FYP Menu
 - Page_Supervisor Final Report
 - Page_Supervisor Master Page
- Test Suites
- Data Files
- Checkpoints
- Keywords
- Test Listeners
- Reports
- TestOps
- Include
- Plugins
- gitignore
- build.gradle

Suggestions

Add Recent keywords Delete Move up Move down Edit tags Set default

Item	Object	Input	Output
1 - Open Browser		**	
2 - Navigate To Url		"http://localhost:56517/?"	
3 - Click	input_Message_ctl00Mai		
4 - Click	input_Supervisor Active		
5 - Click	input_Message_ctl00Mai		

Job Progress

Test Cases/Supplementary Material - Chrome - 20240505 213846 1/1

<Passed> - Chrome

View execution log

Test Suite Report

What's next?

Manual <> Script <> Variables <> Variables (Script mode) Data Binding Integration Properties

Problems Event Log Console Log Viewer Self-healing Insights

Runs: 1/1 Passes: 1 Failures: 0 Errors: 0 Skips: 0

Test Cases/Supplementary Material (6.135s)

- 1 - openBrowser("") (2.469s)
- 2 - navigateToUrl("http://localhost:56517/SupervisorSupplementaryMaterial")
- 3 - click(findTestObject("Object Repository/Page_Supervisor Master Page/"))
- 4 - click(findTestObject("Object Repository/Page_Supervisor Master Page/"))

05-05-2024 09:38:51 PM Test Cases/Supplementary Material

Elapsed time: 6.135s

Test Cases/Supplementary Material

Product Review:

- The user interface can be improved by refining the layout and adding modern design elements
- The architecture can be changed to the one having more number of layers in order to increase the security
- We can ensure that the system is compatible with mobile devices as well for user convenience