

A)

Project Backlog for Project

USER STORIES with ACCEPTANCE CRITERIA

USER STORIES	ACCEPTANCE CRITERIA
1. As a student, I want to view my FYP group details so that I can stay informed about my project details.	Given: I am logged into the system. <ul style="list-style-type: none">• When: I navigate to the dashboard,• Then: I should see a clear display of my FYP group members, along with the project title,description and supervisor information.
2. As a student, I want to see the assigned evaluation panels for my FYP so that I can prepare for presentations accordingly.	Given: I am logged into the system. <ul style="list-style-type: none">• When: I navigate to the designated section.• Then: The interface should clearly show the panels assigned to evaluate the student's FYP without revealing individual panel member names.
3. As a student, I want to view the comments and suggestions provided by the evaluation panels so that I can improve my FYP based on feedback.	Give: I am logged into the system <ul style="list-style-type: none">• When: I access the comments section.• Then: The interface should display comments and suggestions from the evaluation panels while keeping panel member names hidden.
4. As a student, I want to know the deadlines for	Given: I am logged into the system <ul style="list-style-type: none">• When: The student navigates to the deadlines section.

presentations and document submissions so that I can plan and submit work on time.	<ul style="list-style-type: none"> ● Then: The interface should display deadlines for FYP presentations and document submissions.
5. As a student, I want to see my final grades for the FYP so that I can assess my performance and track my progress.	<p>Given: The grades are finalized for the FYP.</p> <ul style="list-style-type: none"> ● When: The student accesses the grades section. ● Then: The interface should clearly present individual and group grades, including any additional comments from the evaluation panels.
6. As a student, I want a user-friendly interface for easy navigation so that I can access information efficiently	<p>Given: The student is using the interface.</p> <ul style="list-style-type: none"> ● When: The student interacts with different sections. ● Then: The interface should have an intuitive design, ensuring easy navigation for the student.
7. As a student, I want to receive notifications for upcoming deadlines and announcements so that I can stay updated on important events.	<p>Given: I am logged into the system as a student.</p> <ul style="list-style-type: none"> ● When: There are upcoming deadlines or announcements. ● Then: I should receive timely notifications to keep me informed
8. As a student, I want to have an option to contact my supervisor through the interface so that I can easily communicate with them	<p>Given: I am logged into the system as a student.</p> <ul style="list-style-type: none"> ● When: I need to communicate with my supervisor. ● Then: I should have a communication channel available within the interface to contact them.

regarding project-related queries.	
9. As a student I want to view supervisors and panel details.	Given: I am logged into the system as a student. <ul style="list-style-type: none"> • When: I need to see me supervisors and penal members details • Then: I should have a list of their details within the interface to contact them.
10. As a student I want to view feedback which was given by my supervisor or penal members.	Given: I am logged into the system as a student. <ul style="list-style-type: none"> • When: I need to see the feedback given my by my supervisor or penal members • Then: I should be able to view the feedback.
11. As a FYP Committee member, I want to manage user accounts (create, edit, deactivate), including roles and permissions, so that I can ensure proper access control and maintain accurate user data within the system.	Given: A FYP Committee member with appropriate permissions navigates to the "User Management" section. <ul style="list-style-type: none"> • When: They select the option to create a new user account. Then: The system should display a form allowing them to enter user details (name, email, role, etc.). And: The system should validate entered information (e.g., email format, unique username). And: Upon successful creation, the system should display a confirmation message and list the new user.
12. As a FYP Committee member, I want to view	Given: A FYP Committee member navigates to the "User Management" section.

<p>and search for users and user groups (students, faculty), so that I can effectively manage user access, monitor student participation, and track project progress.</p>	<ul style="list-style-type: none">• When: They navigate to the user list view. <p>Then: The system should display a comprehensive list of all users with their names, roles, and relevant details.</p>
<p>13. As a FYP Committee member, I want to view a list of all faculty members, so I can identify potential supervisors for FYP projects.</p>	<p>Given: A FYP Committee member navigates to the "Faculty Management" section.</p> <ul style="list-style-type: none">• When: They navigate to the faculty list view. <p>Then: The system should display a comprehensive list of all faculty members with their names, departments, and potentially other relevant details (e.g., research areas).</p> <p>And: The list should allow sorting and filtering capabilities (e.g., by department, name).</p>
<p>14. As a FYP Committee member, I want to set deadlines for FYP project submissions and evaluations, so I can maintain a clear timeline for the project cycle.</p>	<p>Given: A FYP Committee member navigates to the "Deadline Management" section.</p> <ul style="list-style-type: none">• When: They access the functionality to set deadlines. <p>Then: The system should provide a clear and user-friendly interface for defining deadlines (e.g., calendar view, date pickers).</p> <p>And: The system should allow setting separate deadlines for FYP project submissions and evaluations.</p> <p>And: The system should offer options to set deadlines for specific project stages or overall project completion (if applicable).</p>

	<p>Then: Upon successful deadline creation, the system should display the new deadlines in a dedicated list or calendar view with clear labels (e.g., "Submission Deadline", "Evaluation Deadline").</p>
<p>15. As a FYP Committee member, I want to view a list of upcoming deadlines and track completion status, so I can monitor progress and identify any potential delays.</p>	<p>Given: A FYP Committee member navigates to the "Deadline Management" section.</p> <ul style="list-style-type: none"> • When: They access the list of deadlines. <p>Then: The system should display a comprehensive list of upcoming deadlines for FYP submissions and evaluations.</p> <ul style="list-style-type: none"> ▪ The deadline list should be well-organized and easy to understand, potentially utilizing visual cues like colors or icons to indicate approaching deadlines. ▪ The list should include clear labels for each deadline type (submission/evaluation) and the associated FYP projects. ▪ deadline type (submission/evaluation) and the associated FYP projects. <p>And: The system should provide a mechanism to track completion status for each deadline (e.g., green checkmark for met deadlines, red indicator for approaching or missed deadlines).</p> <p>Clicking on a deadline entry could provide access to detailed information about submissions or evaluations received and outstanding</p>
<p>16. As a supervisor, I want to receive notifications for deadlines related to Final</p>	<ul style="list-style-type: none"> ▪ Given: that I am log in as supervisor. ▪ When: I navigate the notification section

<p>year projects assessments, so that I can plan accordingly</p>	<ul style="list-style-type: none"> ▪ Then: I should see upcoming deadlines for FYP assessments ▪
<p>17. As a supervisor, I want to view comments and suggestions provided by panel members during the project evaluation, so that I can incorporate them into my feedback.</p>	<p>Given: that I am log in as supervisor</p> <ul style="list-style-type: none"> • When: I access the evaluation for specific Fyp • Then: I should be able to see any comments or suggestions submitted by panel members
<p>18. As a supervisor, I want to view assignments of projects to different panels, so that I am aware of the panel members.</p>	<p>Given: that I am log in as supervisor.</p> <p>When: I access the details of a specific FYP,</p> <p>Then: I should see the name and role of the panel members assigned to FYP.</p>
<p>19. As a supervisor, I want to view comments and suggestions provided by panel members during the project evaluation, so that I can incorporate them into my feedback.</p>	<p>Given: that I am log in as supervisor</p> <ul style="list-style-type: none"> • When: I access the evaluation for specific Fyp • Then: I should be able to see any comments or suggestions submitted by panel members

<p>20. As a supervisor member, I want to be logged in successfully in the supervisor members interface, so that only authorized faculty can access the system.</p>	<p>Given: User navigates to login page</p> <ul style="list-style-type: none"> • When: they attempt to log in with valid credentials • Then: system should authenticate the users' credentials <p>Given: User navigates to login page</p> <ul style="list-style-type: none"> • When: they attempt to log in with invalid credentials • Then: system should display invalid credentials error message
<p>21. As a faculty member, I want to be logged in successfully in panel members interface, so that only authorized faculty can access the system.</p>	<p>Given: User navigates to login page</p> <ul style="list-style-type: none"> • When: they attempt to log in with valid credentials • Then: system should authenticate the users' credentials <p>Given: User navigates to login page</p> <ul style="list-style-type: none"> • When: they attempt to log in with invalid credentials • Then: system should display invalid credentials error message
<p>22. As a faculty member, I want to view a comprehensive list of all Final Year Projects assigned to my panel, including details such as group members and FYP descriptions, so that I can easily access relevant project information.</p>	<p>Given that I am logged into the panel members interface,</p> <ul style="list-style-type: none"> • When I navigate to the assigned FYPs section • Then I should see a list of all FYPs that are assigned to my panel.

<p>23. As a faculty member, I would like to be notified if there are any missing assessment forms for the projects allocated to my panel so that I can complete them right away.</p>	<p>Given that I am logged into panel members interface.</p> <ul style="list-style-type: none"> • When I access the evaluation section for a specific Project • Then the interface should display any pending evaluation forms • And I should receive notifications indicating the presence of any Missing evaluation forms
<p>24. As a panel member, I want to ensure that each faculty member is assigned to only one panel, so that it prevents any ambiguity or conflicts of interest in the evaluation process.</p>	<p>Given that a faculty member attempts to join a panel,</p> <ul style="list-style-type: none"> • When they are already assigned to another panel, • Then the system should prevent them from joining the new panel and display a clear error message indicating that they are already assigned to a panel.
<p>25. As a panel member, I want to be able to search for a specific project assigned with my panel, so that I can quickly find the project to evaluate.</p>	<p>Given that I am on the panel members interface,</p> <ul style="list-style-type: none"> • When I utilize the search functionality to find a Final Year Project (FYP), • Then I should be able to search by project title, group members, or other relevant keywords.

B- Sprint Backlog for Sprint 1

1. Modules Names

For Sprint 1, considering the dependencies and criticality of the features, we worked on following modules:

Database Setup and Configuration:

This module involves setting up the database structure, defining tables, establishing relationships, and configuring access permissions. It forms the foundation for storing and managing all project-related data.

Student Interface Development:

This module focuses on developing the user interface specifically for students participating in the Final Year Project (FYP). It includes features such as user registration, viewing group information, project details, and supervisor information.

User stories

USER STORIES	ACCEPTANCE CRITERIA
1. As a student, I want to view my FYP group details so that I	Given: I am logged into the system. <ul style="list-style-type: none">• When: I navigate to the dashboard,

can stay informed about my project details.	<ul style="list-style-type: none"> ● Then: I should see a clear display of my FYP group members, along with the project title,description and supervisor information.
2. As a student, I want to see the assigned evaluation panels for my FYP so that I can prepare for presentations accordingly.	<p>Given: I am logged into the system.</p> <ul style="list-style-type: none"> ● When: I navigate to the designated section. ● Then: The interface should clearly show the panels assigned to evaluate the student's FYP without revealing individual panel member names.
3. As a student, I want to view the comments and suggestions provided by the evaluation panels so that I can improve my FYP based on feedback.	<p>Give: I am logged into the system</p> <ul style="list-style-type: none"> ● When: I access the comments section. ● Then: The interface should display comments and suggestions from the evaluation panels while keeping panel member names hidden.
4. As a student, I want to know the deadlines for presentations and document submissions so that I can plan and submit work on time.	<p>Given: I am logged into the system</p> <ul style="list-style-type: none"> ● When: The student navigates to the deadlines section. ● Then: The interface should display deadlines for FYP presentations and document submissions.
5. As a student, I want to see my final grades for the FYP so that I	<p>Given: The grades are finalized for the FYP.</p> <ul style="list-style-type: none"> ● When: The student accesses the grades section.

can assess my performance and track my progress.	<ul style="list-style-type: none"> ● Then: The interface should clearly present individual and group grades, including any additional comments from the evaluation panels.
6. As a student, I want a user-friendly interface for easy navigation so that I can access information efficiently	<p>Given: The student is using the interface.</p> <ul style="list-style-type: none"> ● When: The student interacts with different sections. ● Then: The interface should have an intuitive design, ensuring easy navigation for the student.
7. As a student, I want to receive notifications for upcoming deadlines and announcements so that I can stay updated on important events.	<p>Given: I am logged into the system as a student.</p> <ul style="list-style-type: none"> ● When: There are upcoming deadlines or announcements. ● Then: I should receive timely notifications to keep me informed
8. As a student, I want to have an option to contact my supervisor through the interface so that I can easily communicate with them regarding project-related queries.	<p>Given: I am logged into the system as a student.</p> <ul style="list-style-type: none"> ● When: I need to communicate with my supervisor. ● Then: I should have a communication channel available within the interface to contact them.
9. As a student I want to view supervisors and panel details.	<p>Given: I am logged into the system as a student.</p> <ul style="list-style-type: none"> ● When: I need to see my supervisors and panel members details

	<ul style="list-style-type: none"> ● Then: I should have a list of their details within the interface to contact them.
10. As a student I want to view feedback which was given by my supervisor or penal members.	Given: I am logged into the system as a student. <ul style="list-style-type: none"> ● When: I need to see the feedback given by my supervisor or penal members ● Then: I should be able to view the feedback.

Respective Tasks of User stories

1. View FYP Group Details:

1. Design database schema for storing FYP group information.
2. Implement backend logic to retrieve group details from the database.
3. Develop frontend components to display group details on the student interface.
4. Test the functionality to ensure accurate display of group information.

2. View Assigned Evaluation Panels:

1. Define database structure to store evaluation panel assignments for FYPs.
2. Develop backend logic to fetch assigned panels for each FYP.
3. Design UI components to present panel information to students.
4. Test the feature to verify correct display of assigned evaluation panels.

3. View Comments and Suggestions from Evaluation Panels:

1. Create database tables to store comments and suggestions from evaluation panels.
2. Implement backend functionality to retrieve panel feedback for each FYP.
3. Develop UI elements to render comments and suggestions on the student interface.

4. Test the feature to ensure proper display and organization of panel feedback

4. View Deadlines for Presentations and Submissions:

1. Define database structure for storing deadline information related to presentations and submissions.
2. Develop backend APIs to retrieve deadline details for FYPs.
3. Design UI components to display deadlines prominently on the student interface.
4. Test the functionality to ensure accurate presentation of deadlines.

5. View Final Grades for FYP:

1. Define database schema to store final grades and evaluation criteria for FYPs.
2. Implement backend logic to calculate and retrieve final grades for each student.
3. Develop UI components to display grades and evaluation criteria on the student interface.
4. Test the feature to verify accurate calculation and display of final grades.
5. Update documentation with details on accessing and understanding final grades.

6. User-Friendly Interface:

1. Review UI/UX design principles to ensure user-friendly interface.
2. Develop responsive layouts for optimal viewing across devices.
3. Implement intuitive navigation menus and user interactions.
4. Conduct usability testing to gather feedback and make improvements.

7. Receive Notifications for Upcoming Deadlines and Announcements:

1. Integrate notification service for sending alerts to students.
2. Develop backend logic to generate and send notifications based on upcoming deadlines.
3. Implement UI components to display notifications to users.
4. Test notification delivery and ensure proper handling of different notification types.

8. Contact Supervisor through Interface:

1. Implement messaging functionality for communication between students and supervisors.

2. Develop backend APIs for sending and receiving messages.
3. Design UI components for composing and viewing messages within the student interface.
4. Test message delivery and ensure secure communication between users.

9. View Supervisors and Panel Details:

1. Define database structure to store information about supervisors and evaluation panel members.
2. Implement backend APIs to retrieve supervisor and panel details for display.
3. Develop UI components to present supervisor and panel information to students.
4. Test the feature to ensure accurate retrieval and display of supervisor and panel details.

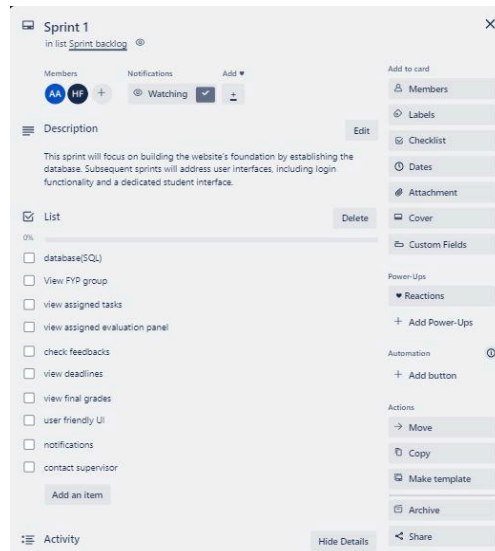
10. View Feedback from Supervisor or Panel Members:

1. Create database tables to store feedback provided by supervisors and panel members.
2. Implement backend logic to retrieve feedback for each FYP.
3. Develop UI elements to render feedback comments on the student interface.
4. Test the feature to verify correct display and accessibility of feedback.

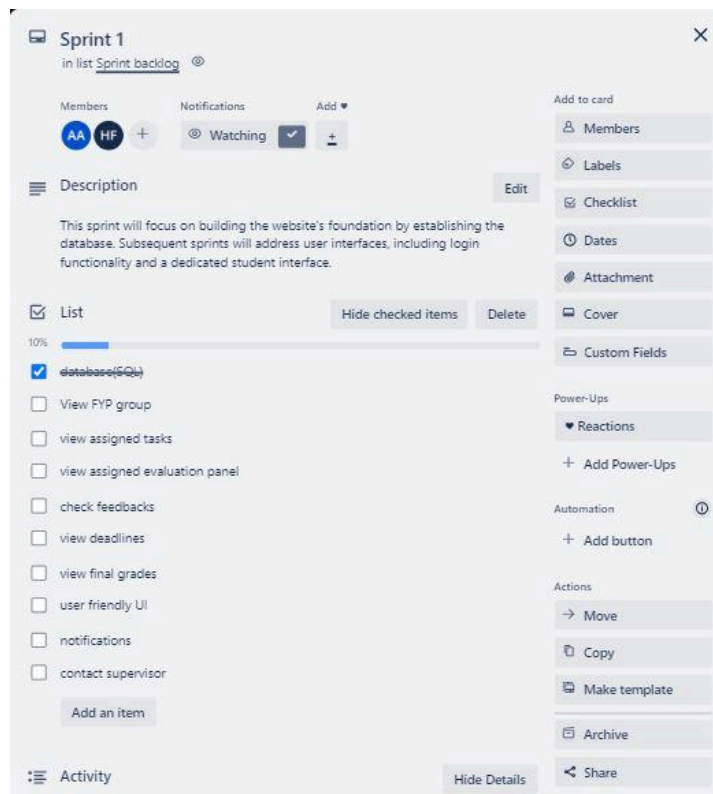
Sprint-OUTPUT

1. Trello Screenshots

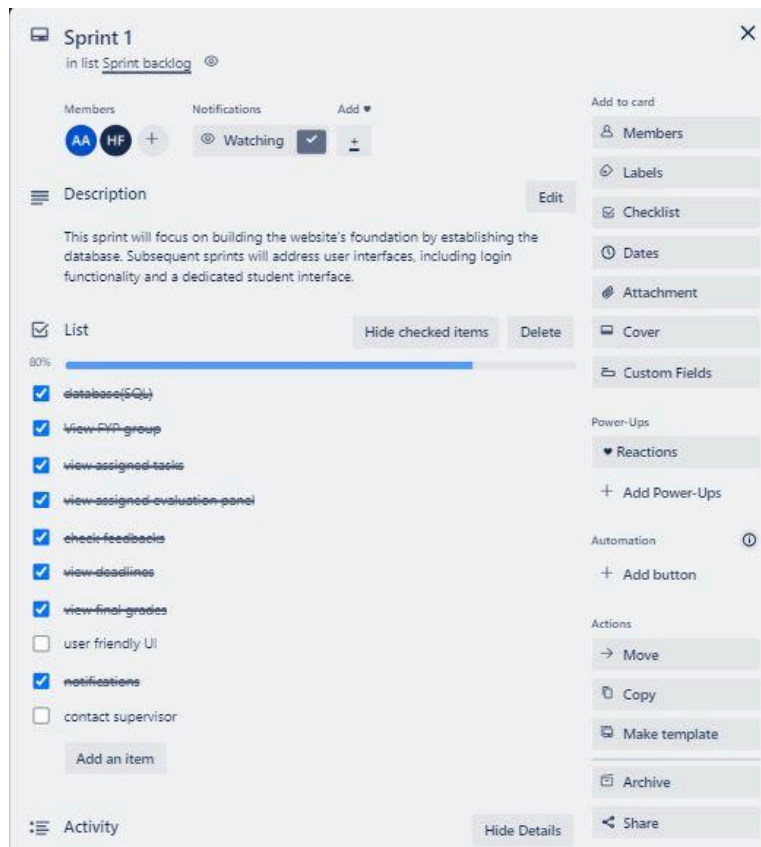
Beginning of sprint



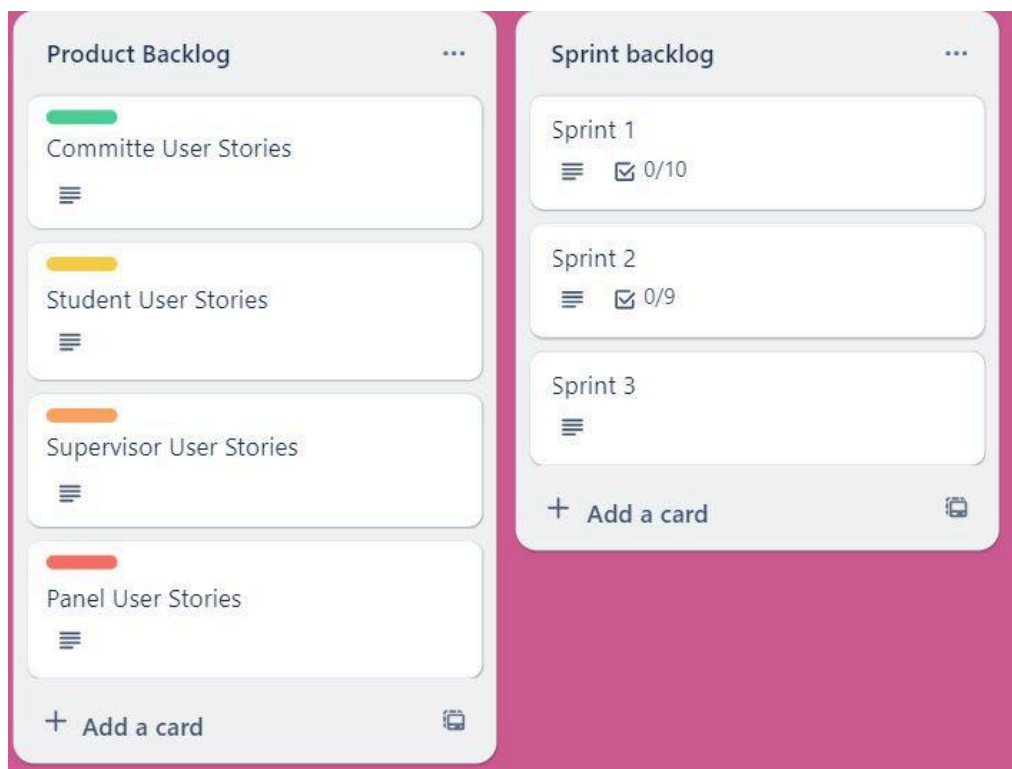
Middle of sprint



End of Sprint



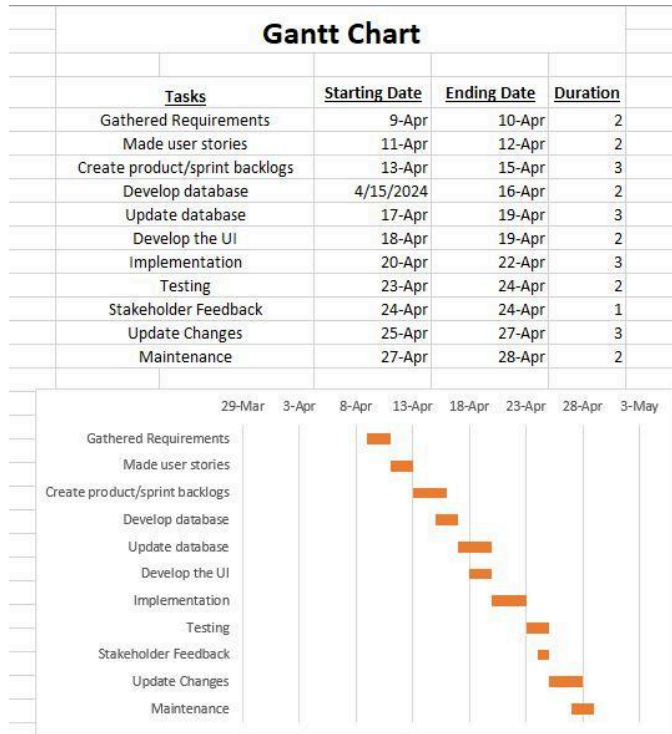
Product Backlog



2. Burndown chart



3. Gantt Chart



4. Project Planner

Project Title		Start Date				
FYP		9-Apr				
Product Owner		End Date				
Bareera FATima		10-Apr				
WBS No	Task name	Status	Assigned to	Start Date	End Date	Duration
1	Gathered requirement	complete	Hadyia Faisal	9-Apr	10-Apr	2
2	Made user stories	complete	Hadyia Faisal	11-Apr	12-Apr	2
3	Create Product/ sprint backlog	complete	Aimen Asad	13-Apr	15-Apr	3
4	Develop Database	complete	Bareera Fatima	15-Apr	16-Apr	2
5	Update Database	In progress	Bareera Fatima	17-Apr	19-Apr	3
6	Develop the UI	In progress	Aimen Asad	18-Apr	19-Apr	2
7	Implementation	Not started	Hadyia Faisal	20-Apr	22-Apr	3
8	Testing	Not started	Hadyia Faisal	23-Apr	24-Apr	2
9	Update changes	Not started	Aimen Asad	25-Apr	27-Apr	3
10	Maintenance	Not started	Bareera Fatima	27-Apr	28-Apr	2

C)

Sprint Backlog for Sprint 2

Module Names

1. Supervisor Interface Development:

This module focuses on developing the user interface specifically tailored for supervisors involved in overseeing FYPs. It includes features such as viewing assigned FYPs, providing feedback, managing deadlines, and communicating with students.

2. Committee Interface Development:

This module involves developing the user interface for members of the FYP Committee. It includes features such as managing user roles and privileges, monitoring FYP progress, assigning evaluation panels, generating reports, and communicating with supervisors and panel members.

User Stories

USER STORIES	ACCEPTANCE CRITERIA
1. As a FYP Committee member, I want to manage user accounts (create, edit, deactivate), including roles and permissions, so that I can ensure proper access control and maintain accurate user data within the system.	<p>Given: A FYP Committee member with appropriate permissions navigates to the "User Management" section.</p> <ul style="list-style-type: none">• When: They select the option to create a new user account. <p>Then: The system should display a form allowing them to enter user details (name, email, role, etc.).</p> <p>And: The system should validate entered information (e.g., email format, unique username).</p> <p>And: Upon successful creation, the system should display a confirmation message and list the new user.</p>
2. As a FYP Committee member, I want to view and search for users and user groups (students, faculty), so that I can effectively manage user access,	<p>Given: A FYP Committee member navigates to the "User Management" section.</p> <ul style="list-style-type: none">• When: They navigate to the user list view. <p>Then: The system should display a comprehensive list of all users with their names, roles, and relevant details.</p>

monitor student participation, and track project progress.	
3. As a FYP Committee member, I want to view a list of all faculty members, so I can identify potential supervisors for FYP projects.	<p>Given: A FYP Committee member navigates to the "Faculty Management" section.</p> <ul style="list-style-type: none">• When: They navigate to the faculty list view. <p>Then: The system should display a comprehensive list of all faculty members with their names, departments, and potentially other relevant details (e.g., research areas).</p> <p>And: The list should allow sorting and filtering capabilities (e.g., by department, name).</p>
4. As a FYP Committee member, I want to set deadlines for FYP project submissions and evaluations, so I can maintain a clear timeline for the project cycle.	<p>Given: A FYP Committee member navigates to the "Deadline Management" section.</p> <ul style="list-style-type: none">• When: They access the functionality to set deadlines. <p>Then: The system should provide a clear and user-friendly interface for defining deadlines (e.g., calendar view, date pickers).</p> <p>And: The system should allow setting separate deadlines for FYP project submissions and evaluations.</p> <p>And: The system should offer options to set deadlines for specific project stages or overall project completion (if applicable).</p> <p>Then: Upon successful deadline creation, the system should display the new deadlines in a dedicated list or calendar view with clear labels (e.g., "Submission Deadline", "Evaluation Deadline").</p>

<p>5. As a FYP Committee member, I want to view a list of upcoming deadlines and track completion status, so I can monitor progress and identify any potential delays.</p>	<p>Given: A FYP Committee member navigates to the "Deadline Management" section.</p> <ul style="list-style-type: none">• When: They access the list of deadlines. <p>Then: The system should display a comprehensive list of upcoming deadlines for FYP submissions and evaluations.</p> <ul style="list-style-type: none">▪ The deadline list should be well-organized and easy to understand, potentially utilizing visual cues like colors or icons to indicate approaching deadlines.▪ The list should include clear labels for each deadline type (submission/evaluation) and the associated FYP projects.▪ deadline type (submission/evaluation) and the associated FYP projects. <p>And: The system should provide a mechanism to track completion status for each deadline (e.g., green checkmark for met deadlines, red indicator for approaching or missed deadlines).</p> <p>Clicking on a deadline entry could provide access to detailed information about submissions or evaluations received and outstanding</p>
<p>6. As a supervisor, I want to receive notifications for deadlines related to Final year projects assessments, so that I can plan accordingly</p>	<ul style="list-style-type: none">▪ Given: that I am log in as supervisor.▪ When: I navigate the notification section▪ Then: I should see upcoming deadlines for FYP assessments▪

<p>7. As a supervisor, I want to view comments and suggestions provided by panel members during the project evaluation, so that I can incorporate them into my feedback.</p>	<p>Given: that I am log in as supervisor</p> <ul style="list-style-type: none"> • When: I access the evaluation for specific Fyp • Then: I should be able to see any comments or suggestions submitted by panel members
<p>8. As a supervisor, I want to view assignments of projects to different panels, so that I am aware of the panel members.</p>	<p>Given: that I am log in as supervisor.</p> <p>When: I access the details of a specific FYP,</p> <p>Then: I should see the name and role of the panel members assigned to FYP.</p>
<p>9. As a supervisor, I want to view comments and suggestions provided by panel members during the project evaluation, so that I can incorporate them into my feedback.</p>	<p>Given: that I am log in as supervisor</p> <ul style="list-style-type: none"> • When: I access the evaluation for specific Fyp • Then: I should be able to see any comments or suggestions submitted by panel members
<p>10. As a supervisor member, I want to be logged in successfully in the supervisor members interface, so that only</p>	<p>Given: User navigates to login page</p> <ul style="list-style-type: none"> • When: they attempt to log in with valid credentials • Then: system should authenticate the users' credentials <p>Given: User navigates to login page</p> <ul style="list-style-type: none"> • When: they attempt to log in with invalid credentials

authorized faculty can access the system.	<ul style="list-style-type: none">● Then: system should display invalid credentials error message
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Respective Tasks of User stories:

Supervisor Interface Development:

1. Database Integration:

- Set up database tables to store supervisor-related information, such as assigned FYPs and feedback provided.
- Establish relationships between database entities to ensure data integrity.

2. Interface Design and Development:

- Design UI mockups for the supervisor interface, considering ease of use and accessibility.
- Develop frontend components using appropriate technologies (HTML, CSS, JavaScript) to create the interface.

3. Feedback Management

- Create functionality for supervisors to provide feedback and suggestions to students.
- Implement features for storing and displaying feedback within the interface.

4. Deadline Management:

- Integrate functionality for supervisors to view and manage deadlines for FYP assessments and submissions.
- Ensure accurate display of deadlines and notifications for upcoming events.

5. Communication Feature:

- Develop messaging functionality for supervisors to communicate with students within the interface.
- Implement secure messaging protocols and ensure message delivery and receipt tracking.

6. User Role Management:

- Design UI components for managing user roles and privileges within the committee interface.

- Implement backend logic to assign roles and permissions to users based on their responsibilities.

7. FYP Monitoring:

- Develop features for committee members to monitor the progress of FYPs, including viewing assigned supervisors and panel members.
- Ensure real-time updates on FYP status and assessment processes.

8. Report Generation:

- Create functionality for generating reports on various aspects of FYP management, such as supervisor workload, missing evaluations, and grades distribution.
- Design report templates and implement algorithms for data analysis and visualization.

9. Communication Management:

- Implement features for committee members to communicate with supervisors and panel members regarding evaluation processes and other matters.
- Develop messaging functionality and integrate it into the committee interface.

10. Evaluation Panel Assignment:

- Design UI components for assigning evaluation panels to FYPs.
- Implement backend logic to manage panel assignments and ensure fairness in the evaluation process.

Project Planner

Project Title		Start Date				
FYP		9-Apr				
Product Owner		End Date				
Bareera FATima		10-Apr				
WBS No	Task name	Status	Assigned to	Start Date	End Date	Duration
1	Gathered requirement	complete	Hadyia Faisal	9-Apr	10-Apr	2
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8	Testing	In progress	Hadyia Faisal	23-Apr	24-Apr	2
9	Update changes	Not started	Aimen Asad	25-Apr	27-Apr	3
10	Maintenance	Not started	Bareera Fatima	27-Apr	28-Apr	2

D)

Sprint Backlog for Sprint 3

Modules Name

Panel Members Interface Authentication:

This module involves implementing authentication mechanisms to ensure that only authorized faculty members can access the Panel Members Interface.

User stories

USER STORIES	ACCEPTANCE CRITERIA
1. As a faculty member, I want to be logged in successfully	Given: User navigates to login page

<p>in panel members interface, so that only authorized faculty can access the system.</p>	<ul style="list-style-type: none"> • When: they attempt to log in with valid credentials • Then: system should authenticate the users' credentials <p>Given: User navigates to login page</p> <ul style="list-style-type: none"> • When: they attempt to log in with invalid credentials • Then: system should display invalid credentials error message
<p>2. As a faculty member, I want to view a comprehensive list of all Final Year Projects assigned to my panel, including details such as group members and FYP descriptions, so that I can easily access relevant project information.</p>	<p>Given that I am logged into the panel members interface,</p> <ul style="list-style-type: none"> • When I navigate to the assigned FYPs section • Then I should see a list of all FYPs that are assigned to my panel.
<p>3. As a faculty member, I would like to be notified if there are any missing assessment forms for the projects allocated to my panel so that I can complete them right away.</p>	<p>Given that I am logged into panel members interface.</p> <ul style="list-style-type: none"> • When I access the evaluation section for a specific Project • Then the interface should display any pending evaluation forms • And I should receive notifications indicating the presence of any Missing evaluation forms
<p>4. As a panel member, I want to ensure that each faculty</p>	<p>Given that a faculty member attempts to join a panel,</p>

<p>member is assigned to only one panel, so that it prevents any ambiguity or conflicts of interest in the evaluation process.</p>	<ul style="list-style-type: none"> • When they are already assigned to another panel, • Then the system should prevent them from joining the new panel and display a clear error message indicating that they are already assigned to a panel.
<p>5. As a panel member, I want to be able to search for a specific project assigned with my panel, so that I can quickly find the project to evaluate.</p>	<p>Given that I am on the panel members interface,</p> <ul style="list-style-type: none"> • When I utilize the search functionality to find a Final Year Project (FYP), • Then I should be able to search by project title, group members, or other relevant keywords.

3. Respective Task for user stories:

1. Panel Members Interface Authentication:

- Implement login functionality with username and password authentication.
- Develop backend logic to authenticate faculty members and grant access to the panel members interface.
- Design UI components for the login page and integrate authentication logic.
- Test login functionality to ensure successful authentication and authorization.

2. View Assigned FYPs:

- Define database structure to store information about assigned FYPs for each panel.
- Implement backend APIs to retrieve and display assigned FYPs for panel members.
- Develop UI components to present the list of assigned FYPs with relevant details.
- Test the functionality to verify accurate display of assigned FYPs and associated information.

3. Missing Assessment Form Notifications:

- Create functionality to check for missing assessment forms associated with FYPs assigned to each panel.
- Implement notification mechanism to alert panel members about missing assessment forms.
- Design UI elements to display notifications for missing assessment forms.
- Test notification delivery and ensure timely alerts for panel members.

4. Panel Member Assignment Management:

- Define rules and constraints for assigning faculty members to panels.
- Develop backend logic to enforce assignment rules and prevent conflicts of interest.
- Design UI components for managing panel member assignments.
- Test assignment management functionality to ensure adherence to assignment rules.

5. Project Search Functionality:

- Design search functionality to allow panel members to search for specific projects assigned to their panel.
- Implement backend logic to perform search queries based on project details.
- Develop UI components for the search feature, including search input fields and result displays.
- Test search functionality to verify accurate search results and performance.

Project Planner

Project Title		Start Date				
FYP		9-Apr				
Product Owner		End Date				
Bareera FATima		10-Apr				
WBS No	Task name	Status	Assigned to	Start Date	End Date	Duration
1	Gathered requirement	complete	Hadyia Faisal	9-Apr	10-Apr	2
2	Made user stories	complete	Hadyia Faisal	11-Apr	12-Apr	2
3	Create Product/ sprint backlog	complete	Aimen Asad	13-Apr	15-Apr	3
4	Develop Database	complete	Bareera Fatima	15-Apr	16-Apr	2
5	Update Database	complete	Bareera Fatima	17-Apr	19-Apr	3
6	Develop the UI	complete	Aimen Asad	18-Apr	19-Apr	2
7	Implementation	complete	Hadyia Faisal	20-Apr	22-Apr	3
8	Testing	complete	Hadyia Faisal	23-Apr	24-Apr	2
9	Update changes	complete	Aimen Asad	25-Apr	27-Apr	3
10	Maintenance	complete	Bareera Fatima	27-Apr	28-Apr	2

