

National University of Computer and Emerging Sciences, Islamabad
FAST School of Computer Science



Software Engineering
Iteration 0 (Proposal Document and Prototype) for FastEvent Application

Group Members:

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Github Repository Link:

[GitHub Event-Portal Link](#)

Roles:

Product owner: Fast University

Scrum master: Mohammad Attique

Scrum team: Mohammad Attique, Taimur Amir, Shaheer Khan

Problem statement:

The problem of	Divided event information
affects	Students of university and even organisers
The impact of which is	Low student engagement in events, missed opportunities for learning and development and difficulty for audience to reach their target audience.
A successful solution would be	To develop a centralised university event portal that will provide a comprehensive and update event information. With features like personalization, bookmarking and easily navigable platform will simplify the process of finding events. This can involve advance search and filtering option for student to find relevant event. User-friendly tools will allow administrator manage events, accounts, and content with ease.

Product Backlog:

1. As a student, I want to register for an account, so I can access the event portals services

Acceptance Criteria:

Scenario: Register an account

Given: that I am on Registration Page

When: I put in needed information

Then: A confirmation message will shown for my successful registration

2. As an admin, I want to log in to my account so that I can manage the events.

Scenario: Accessing Portal

Given: that I am on login page

When: when i put in valid username and password

Then: i will be redirected to home page

3. As a user, I want to go through a comprehensive list of upcoming events, so that I can plan my schedule and attend events

Acceptance Criteria:

Scenario: Browse Event

Given: that I am on home page

When: I click on Events button

Then: all events sorted by departments will be shown

4. As a user, I want to be able to find and view upcoming events, with the ability to search and filter by date and category so that I can quickly find an event relevant to my interest

Acceptance Criteria:

Scenario: find a specific event

Given: that I am logged in to portal

When: I click on a department

And: select a date

Then: all events of that department held on selected date will be shown

5. As a user, I want to know detailed information about an event so that I can decide about attending.

Acceptance Criteria:

Scenario: find details of event

Given: that I am events page in to portal

When: I click on an event

Then: details information including, description, location, date and time and speaker info will be shown

6. As a user, I want to find registration information easily so that I can register to an event without a problem

Acceptance Criteria:

Scenario: Finding details on how to register

Given: that I am have found an event I want to register in.

When: I go to details of that event.

Then: I will be shown a procedure on how to register at the end of that page.

7. As a user, I want to register to an event so that I can attend it as a participant.

Acceptance Criteria:

Scenario: Registering an event

Given: that I am have found an event I want to register in.

And: I have seen the Registration procedure.

When: I click on registration button.

Then: I will be redirected to a page allowing me to register.

8. As a user, I want to see the events I have register in so that It is easy for me to locate that event.

Acceptance Criteria:

Scenario: Getting information about registered events.

Given: that I have registered in an event.

And: I am on events page.

When: I select a category of registered event.

Then: I will be shown details of the events I have registered in.

9. As an admin, I want to be able to end registration of an event so that no more students can register into that event.

Acceptance Criteria:

Scenario: Closing Registration.

Given: that an event has a maximum number of participants.

When: I click on the close button.

Then: Registration of that event will be closed and the admin will be shown a message.

10. As an event organiser I want to collect feedback from attendees during and after my event, so that I can identify areas for improvement.

Acceptance Criteria:

Given that there is an ongoing event with registered attendees,
When the event organiser activates the survey feature during the event,
Then I expect attendees to receive real-time notifications prompting them to provide feedback,
And the feedback collected should be available for analysis in a visual format.

11. As an event attendee I want to provide feedback on the event I attended, so that organisers can understand my perspective and make necessary adjustments.

Acceptance Criteria:

Given an event has concluded,
When an attendee receives a post-event feedback notification,
Then I expect the attendee to have easy access to a feedback form,
And the feedback form should include options for rating various aspects of the event,
And attendees should be able to submit additional comments or suggestions.

12. As an event attendee I want to receive timely reminders for registered events, so that I don't miss the event.

Acceptance Criteria:

Given an attendee has registered for an upcoming event,
When the event date is approaching,
Then I expect the attendee to receive a notification with key event details,
And the notification should be sent a day before the event

13. As an event organiser I want to send automated reminders to registered attendees, so that I can ensure high turnout.

Acceptance Criteria:

Given an event organiser has set up automated reminders for a scheduled event,
When the event date is within the specified reminder timeframe,
Then I expect registered attendees to receive automated reminders,
And organisers should receive confirmation or logs indicating successful reminder distribution.

14. As a regular event attendee I want to be able to bookmark events I'm interested in for future reference, so that I can easily find and review them later.

Acceptance Criteria:

Given an event listing is available,
When an attendee clicks the Bookmark button next to an event,
Then I expect the event to be added to a designated Bookmarked section,
And the "Bookmarked" section should be easily accessible from the main navigation.

15. As a casual user I want to mark events with a *star* button that I find interesting, so that I can explore those events in detail and decide what to attend.

Acceptance Criteria:

Given an event is marked with a Star by a casual user,
When the user explores the Marked Events section,
Then I expect to see all the events that have been starred,
And the user should have the option to unmark events by toggling the Star button.

16. As a socially active user I want to share event details on social media platforms directly from the event app, so that I can invite people and spread the word about events.

Acceptance Criteria:

Given an event listing is available,
When a user clicks the Share button,
Then I expect the user to be provided with options to share on social media platforms,
And the shared content should include event details and a link to the event page.

17. As an event organiser I want attendees to easily share event information with their network, so that the event attracts more audience.

Acceptance Criteria:

Given an event organiser is promoting an event,
When the organiser uses the Promote Event feature,
Then I expect the feature to generate shareable content optimised for social media,
And organisers should be able to track the number of shares and engagements.

18. As a night time user, I want to switch to dark mode so that I can use the app in low light conditions at night.

Acceptance Criteria: Given an app user is browsing in low-light conditions,
When the user enables Dark Mode in the app settings,
Then I expect the app's background colour to change to a dark theme,
And text and UI elements should be adjusted for optimal visibility.

19. As a user concerned about eye health I want to have a dark mode option, so that I can minimise eye fatigue while using the app.

Acceptance Criteria:

Given an app user prefers Dark Mode for extended usage,
When the user switches between Dark Mode and the default light mode,
Then I expect the app to smoothly transition between the selected modes,
And the user's Dark Mode preference should persist across app sessions.

20. As an event organiser I want to create a repository of resources from past events, so that attendees can access and review content even after the event has concluded.

Acceptance Criteria:

Given an event organiser wants to create a resource repository,
When the organiser accesses the event organiser dashboard,
Then I expect the organiser to find a feature for creating a repository of past event materials,
And the repository should include presentations, videos, and other relevant resources.

21. As a continuous learner, I want a centralised resource library for all past event materials, so that I can refer back to presentations and materials to reinforce my learning from previous events.

Acceptance Criteria:

Given an event organiser wants to create a resource repository,

When the organiser accesses the event organiser dashboard,

Then I expect the organiser to find a feature for creating a repository of past event materials,

And the repository should include presentations, videos, and other relevant resources.

22. As a student, I want the ability to integrate event information with my personal calendar so that I can stay organized and plan my study sessions accordingly.

Acceptance Criteria:

Given: I am a student logged into the app and have access to my personal calendar.

When: I navigate to the event details page of an upcoming academic event or study session.

Then: I should see an option to "Add to Calendar".

23. As a user, I want to set my interests and preferences within the app so that I can receive event recommendations tailored to my specific tastes and preferences.

Acceptance Criteria:

Given: I am a registered user logged into the app.

When: I navigate to the "Settings" or "Profile" section of the app.

Then: I should see an option to "Set Preferences" to filter my interests.

24. As an administrator, I want to create new events within the app, so that I can effectively manage event scheduling.

Acceptance Criteria:

Given: I am logged in as administrator on the events page.

When: I select the "Add Event" option.

Then: I should be able to add a new event to the event list with its details.

25. As an administrator, I want the ability to publish events within the app so that they are visible to users.

Acceptance Criteria:

Given: I am on the events page as an administrator.

When: I select an event.

Then: I should be able to change the visibility of the event to either hide from all or only show to specific users.

26. As an administrator, I want to generate reports within the app, such as attendance reports, user demographics, so that I can make decisions accordingly.

Acceptance Criteria:

Given: I am logged in as an administrator in the app.

When: I navigate to the "Reports" or "Analytics" section.

Then: I should see options to generate various types of reports, such as attendance reports, user demographics, engagement metrics, etc.

27. As a user, I want to access FAQ section within the app to quickly so that I can find answers to common questions about features, functionality, and troubleshooting.

Acceptance Criteria:

Given: I am on any page with a query.

When: I select the FAQ option.

Then: I am presented with a list of frequently asked questions organized by category or topic, such as "Account Management", "Event Registration", "Technical Issues", etc.

28. As a user, I want easy access to contact information for customer support within the app, so that I can reach out for help when needed.

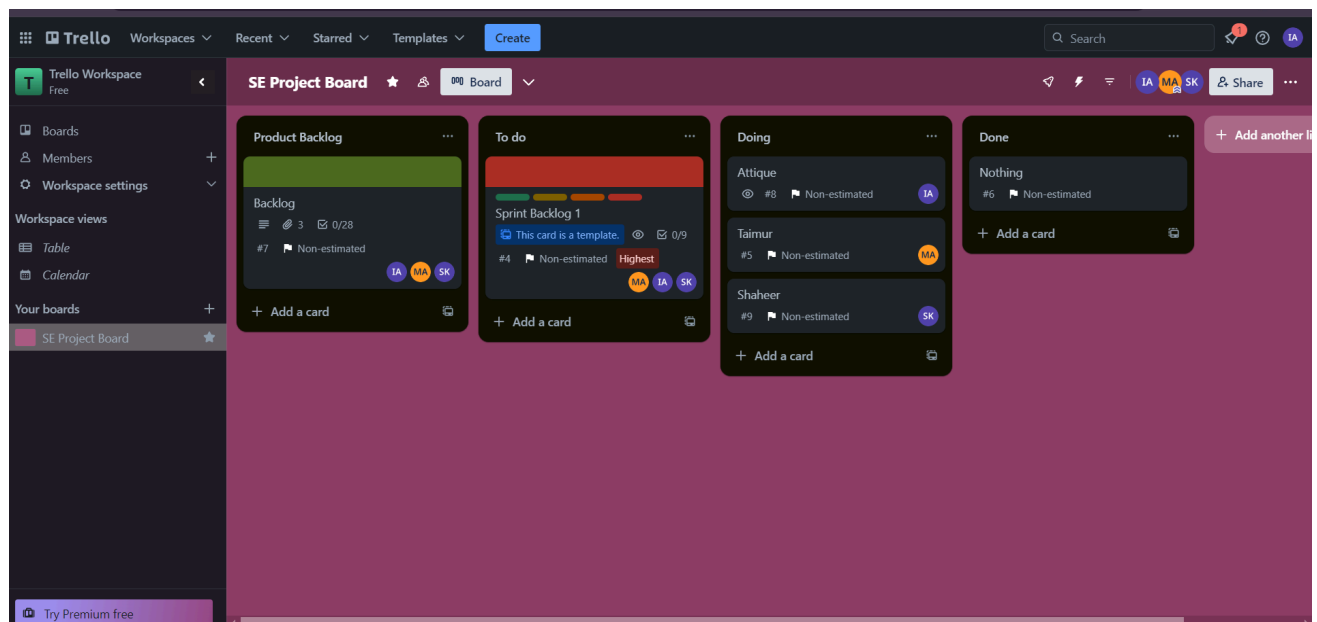
Acceptance Criteria:

Given: I am a on the FAQ page.

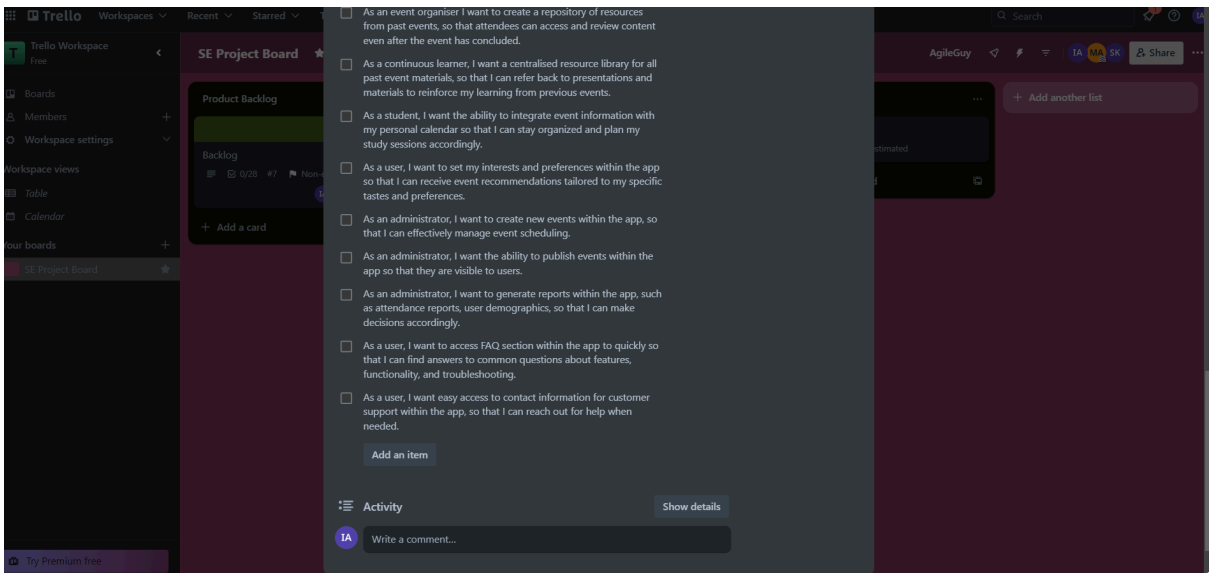
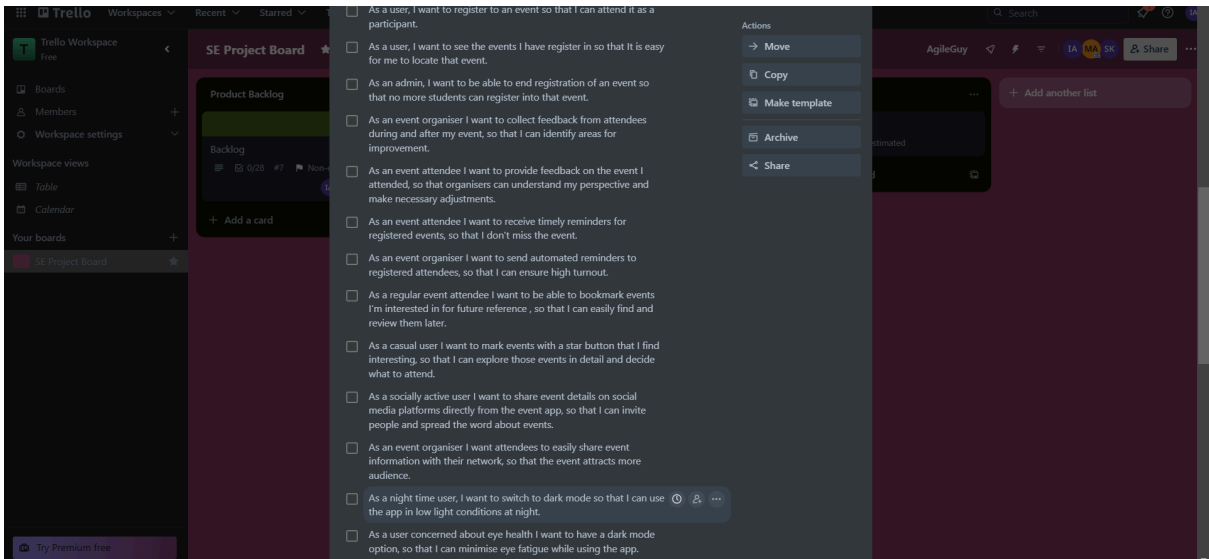
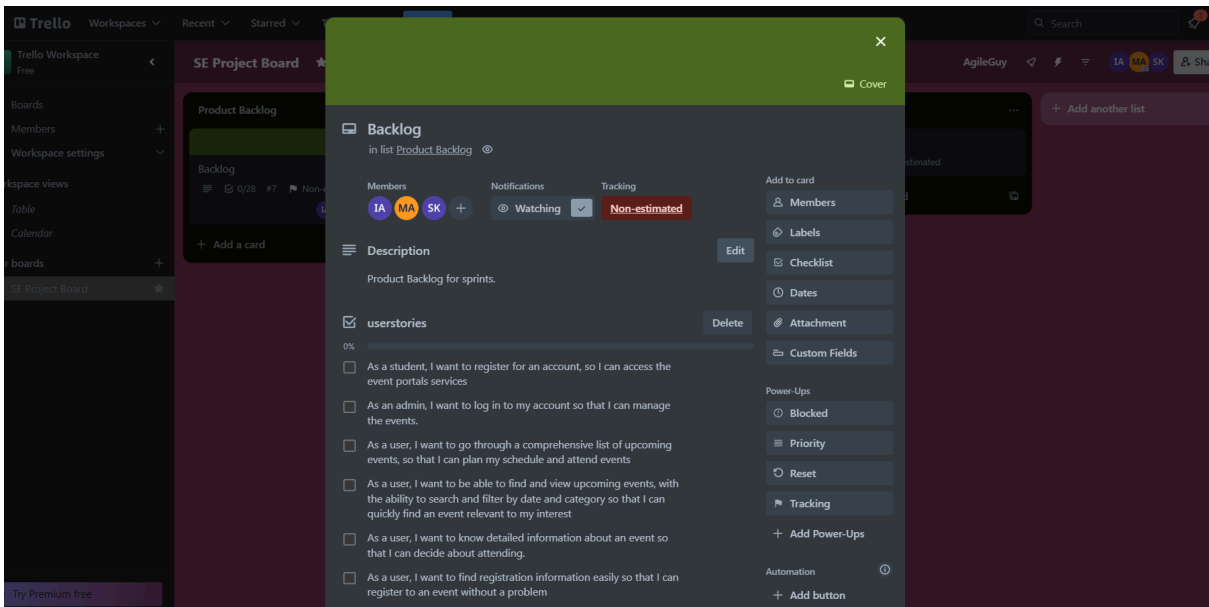
When: I select the "Help & Support" option.

Then: I should see a list of working email addresse(s), phone numbers, etc that I can reach out for help.

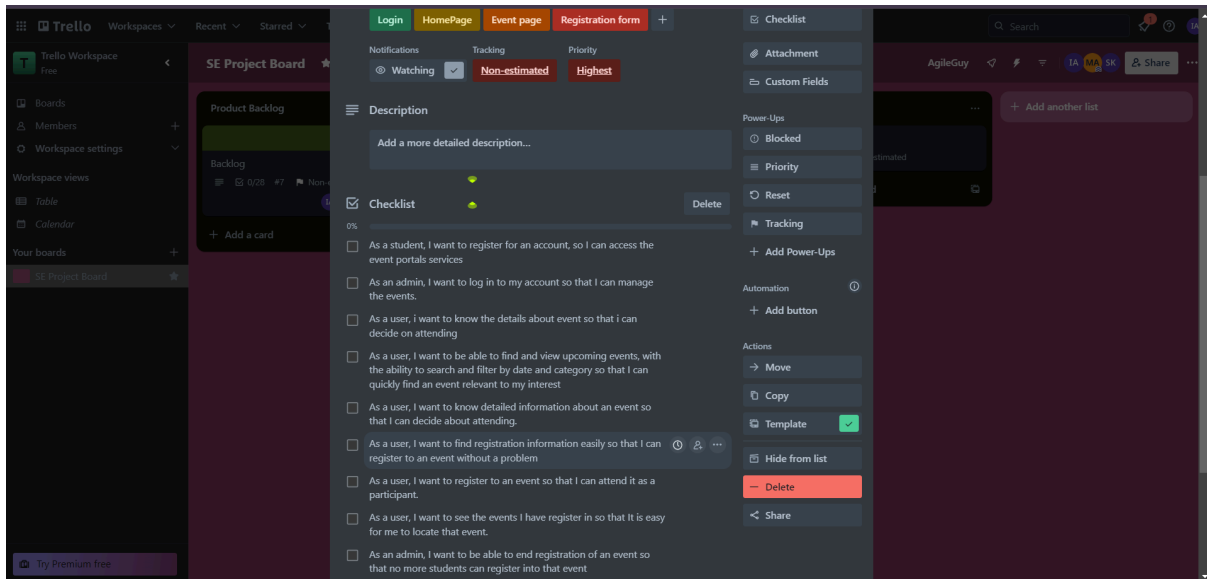
Trello:



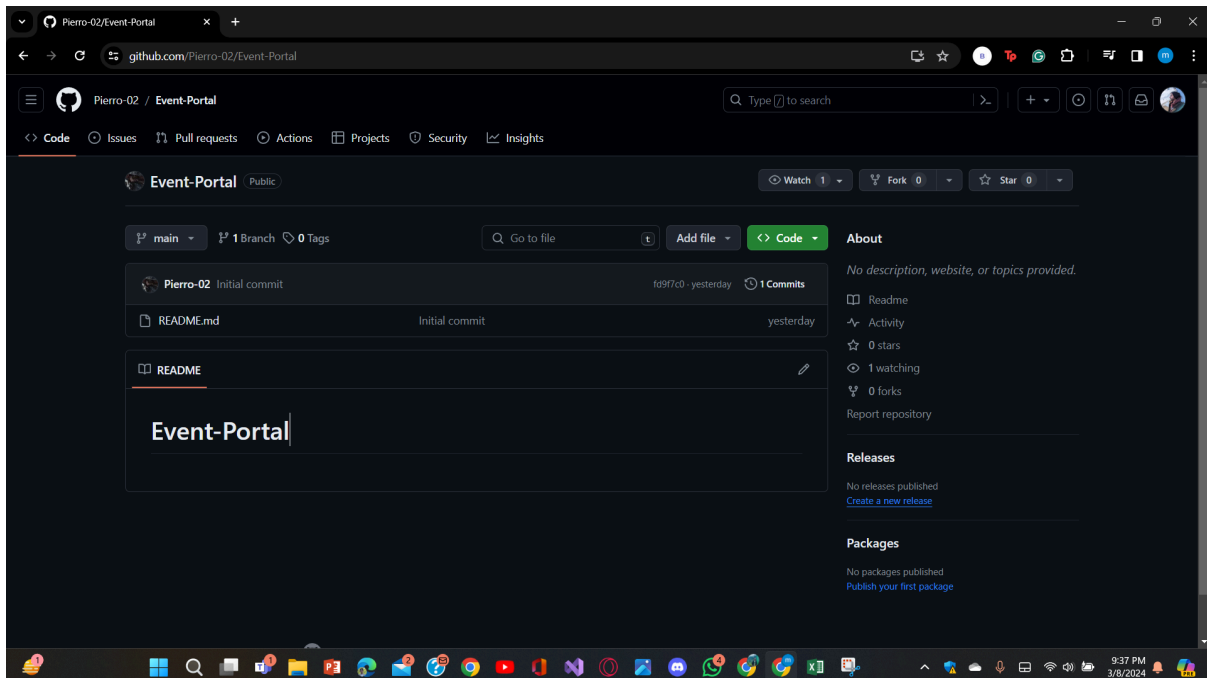
Product Backlog:



Sprint 1 Backlog:



GitHub:



[GitHub Event-Portal Link](https://github.com/Pierro-02/Event-Portal)