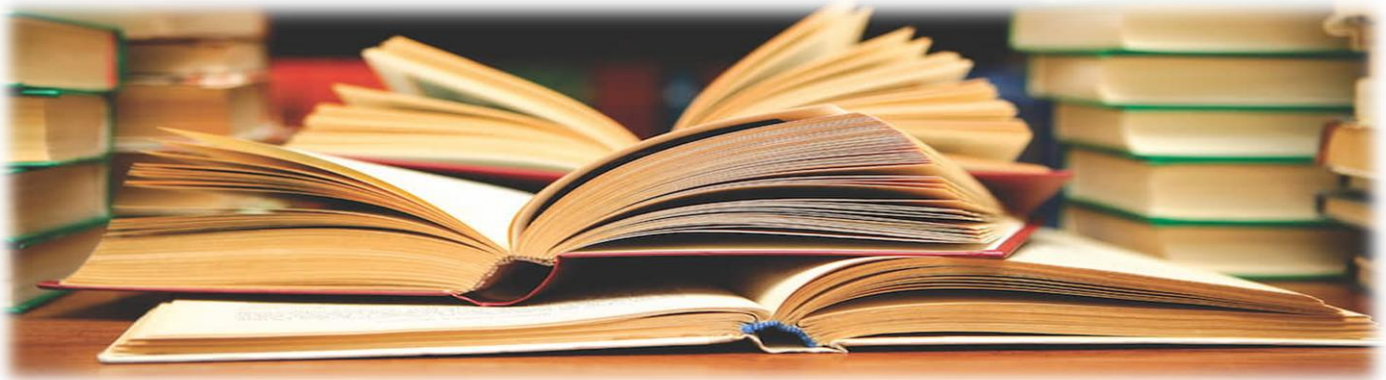


The Islamic University in Gaza – IUG
Faculty of Engineering
Computer Engineering Department



BOOK POINTS



Preparing by:

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Supervised by:

Dr. Ahmed Mahdi

Eng. Dina Harara

September/2025

Sprint 3 Report: Planning & Prototyping :

Task Planning & Scenarios:

We divide the project in to these main tasks with Scenarios :

1. Student Registration and Login (1 week)

Scenario:

- The student opens the registration page.
- They enter name, email, and password.
- The system validates the input (unique email, strong password).
- The system saves the student details.
- The student is redirected to the login page.
- The student enters their email and password.
- The system authenticates the student.
- The student is redirected to their personal profile

2. Sharing and Requesting Resources(1 week)

Scenario for Sharing :

- The student logs in.
- They click the “Share” button.
- They upload details of the resource (book/flash drive).
- The system saves the resource.
- The resource is shown in the global resource list.

Scenario for Requesting:

- Another student views resource list
- They click the “Request” button on an available resource.
- The system reserves the resource.
- The resource is linked to the requester.

3. Searching and Filtering Resources(half a week)

Scenario:

- The student opens the resource list page.
- They type a keyword into the search bar.
- The system displays all matching resources.
- The student applies a filter (e.g., “Flash Drive”).
- The system updates the list to show only filtered results.
- If no items match, the system shows “No results found.”

4. Adding a New Resource(half a week)

Scenario:

- The student logs in.
- They open the “Add Resource” form.
- They fill in title, type, description, and optional image.
- They click submit.
- The system saves the resource.
- The resource is displayed in the browsing list.
- The resource is linked to the provider’s profile.

5. Reserving or Canceling a Resource(1 week)

Scenario for Reserving:

- The student views a resource’s details.
- They click the “Reserve” button.
- The system updates the resource status to “Unavailable.”
- Other students cannot reserve the same resource.

Scenario for Canceling:

- The student opens their reservations.
- They click “Cancel Reservation.”
- The system updates the resource status to “Available.”
- Other students can now reserve the resource.

6. Tracking Points(half a week)

Scenario for Earning Points:

- The student shares a resource.
- The system applies the points rule.
- The student's points balance increases.
- The updated balance appears in their profile.

Scenario for Using Points:

- The student selects a resource to reserve.
- The system checks the student's points balance.
- The system deducts the required points.
- The updated balance is displayed in the profile.

Jira project with full task assignment :

our project in jira we divide the project into a main tasks :

We assign each task as an epic for each epic there is the user story and the sub-tasks that we should finish.

Book-point project in jira :

<https://reemafana2.atlassian.net/jira/software/projects/BPP/boards/34?atlOrigin=eyJpIjoiZGM1NTE3OTQwMzcxNGNiN2JkNTQ2MmMwNjAyZWYzMmEiLCJwIjoiaj9>

GitHub project repository created :

<https://github.com/noorelkord/Book-Points>

Role & task distribution:

We distribute ourselves into 2 teams:

Backend team (laravel):

Reem Ehab Afana	220211284
Abeer Ayman Alsibakhi	220210490
Noor Jamal El Kord	220212032

Frontend team (html , CSS , JavaScript):

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