



## Cover page

Project title: Let's graduate

Academic Year: 2023- 2024

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Project Type **Software** or **Hardware** (Choose one)

Supervisor Name: Dr.Asmaa Afeefi

### Format:

- Single space, Times New Roman.
- 12 pt,
- Maximum 1 page.

### Abstract Body:

#### Items must be provided in the Abstract:

- Why do you think this project is important? Please explain the significance of this Project in brief.
- In your point of view what are the important aspects that should be covered in the project?
- Objective(s): In your view, please explain the main objectives of the project.
- Methodology: Give a brief outline of the application development process.
- Had this project been done before? Are there any similar applications available today?
- **Note:** Please deliver this abstract early to ensure that your Project has been approved by the department's projects committee. **Registration will not be done without this approval.**



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## Project's Abstract:

In today's world, we often reprint books, which is not great for the environment. But students still need physical books for their studies. So, they try to swap books with each other, but it is not always easy. To make things better, we are starting a project called "My Book is Your Book." It is for all students, including those who cannot see well, and it is all about sharing books. We are making an application where students can give away or ask for books. The first user takes on the role of administrator, who is responsible for managing the users and books that are exchanged. This role includes tasks such as accepting books, determining their condition, and rejecting them if they are not in good condition, coordinating between students to receive and return books on time, and viewing many reports that show which students are most involved in the book exchange activity.

The second user category includes the student group, which means ordinary students who do not suffer from health problems. Our application features a search and filtering system that enables students to search for the books they need, submit requests for books, and view their request history. Students can also open a ticket and contact the person in charge if they have any questions or request any assistance. There is also a suggestion system based on artificial intelligence to recommend good books, in addition to a chat bot that the student can talk to if he needs help with Which books are most suitable for his academic specialty?

As for the role of the third user, it is the role of students who suffer from health problems and vision problems, as this group cannot read books and therefore needs to have audio books. Therefore, there is a special section for audio books that different students volunteered to read and convert from paper books to audio books. Suitable for this category of users The best part is that our system will always have the latest information about which books are available. This helps us share knowledge, help each other, and save money too. In short, our Book Exchange Project is not only good for the environment but also makes studying better for all students in our university. It is about sharing resources, being inclusive, and using technology to learn together.

We developed and built this app using Flutter for frontend and RestFul API for connection. And develop admin site using Bootstrap, Php, Html, Css, Js.