Cover page

Project title: سكّني (**Sakni**)

Academic Year: 2024-2025

Group Members: Samah Sheeha

Eba Khalil

Department Name: Computer Engineer

Project Type Software or Hardware (Choose one)

Supervisor Name: Dr.Aladdin Masri……

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?
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- **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.**

Project's Abstract:

Sakni is a web and mobile-based application designed to streamline the management and submission of student housing applications. The system provides students with a user-friendly platform to apply for housing, select room preferences, and choose or match with potential roommates. Additionally, students can track the status of their application in real-time.

The application features include electronic submission of housing requests, room selection based on personal preferences and availability, and the option to choose roommates. **Sakni** also facilitates communication between students and the housing department, allowing for easy inquiries and issue resolution directly through the platform.

The significance of **Sakni** lies in its ability to improve the efficiency of student housing processes, reduce paperwork, and provide transparency in tracking application progress. It offers a modern solution to common challenges faced by students, such as limited information about room availability and roommate matching. With a user-centric design, **Sakni** saves time and effort for both students and administrators by enabling housing management from any location.

Technologies used in this project include **Flutter** for mobile app development, **React.js** for the web interface, **Node.js** for backend services.