



Cover page

Project title: Wasalni Ma'ak

Academic Year: Semester 1 – 2024/2025

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Department Name: Computer Engineering

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Project Type Software

Supervisor Name: Dr. Anas Toma

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.**

Project's Abstract:

Issue number: GP1-4



Main Idea:

The "Wasalni Ma'ak" application aims to facilitate transportation by providing a way for users to take rides with drivers passing by their way. It allows users to log in and choose their trip route, and provides complete information about the drivers to ensure a safe and comfortable experience.

We will create a mobile application and a web application to better support the system and make it environmentally friendly and easy for users at all times.

Key Features:

The application starts by forcing the user to log in or create a new account in his name as a customer or as an admin who wants to join the drivers registered in the system or as a person with a profession who wants to start working within this system.

First, if the person enters as a customer, it shows him his personal page and if he wants to modify it, such as adding his photo or modifying his password, etc., it also shows him two sections: the section for professions and services supported by the system and the other section for transportation.

The section for professions displays the existing professions and the owners of these professions surrounding his area, with ways to communicate with them for easy access and dealing with them and booking an appointment. As for the section for transportation, it initially displays the current location and the destination the person wants to go to, with choosing the day and date and specifying how many seats he wants to book. The system shows him all the trips or cars heading to this destination he chose and the time of each car and the file of the driver who owns the car and also shows him the files of the people who booked with each car. He can also know the price of one seat in each car.

And Integrate Google Maps API or any other mapping service to facilitate the identification of locations and destinations.

If the person enters the system as a driver, he can add information to his personal file, the type of his vehicle and its number as well. He can create a new trip at the time and day that suits him, and determine the price per passenger and ways to communicate with him. He can also easily follow up on the status of his trip if someone has booked with him, who this person is and where he lives. They can also communicate with each other via a chat dedicated to the system for easy



continuous communication. He will receive a notification if the person modifies the reservation, such as canceling it, for example, or increasing the number of people he has booked.

If the person enters with his profession name, for example, he can add general information about him and the nature of the work he does, with previous photos of projects he has done if he wants to, and he can also choose the days on which people can book him and the dates as well according to his time and what suits him.

This system helps people communicate comfortably with each other and saves them time and effort. There is also a security system to ensure credibility and reliability and other accurate and important details that make this system an effective, safe and easy to use system.