Cover page

Project Title: Jusoor

Academic Year: 2025-2026

Group Members: Wafaa Jawad Tawfiq Al-shaikh Ibrahim

Department Name: Computer Engineering

Razan Yousef Mohammed Dwekat

Supervisor Name: Dr.Haya Samaana

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.**

University
Nablus, Palestine - Tel: +972(9)-2345113 - EX. 88-2223 - Fax: +972(9)-2345982 - E: info@najah.edu

department
equ@najah.edu

ANajahUni
https:// www.najah.edu

Project's Abstract:

This project aims to develop a comprehensive system to support and care for individuals with special needs by connecting parents, NGOs and charitable organizations, specialists, and therapists in a single integrated environment. The project is important because access to coordinated care and services for individuals with special needs is currently fragmented, making it difficult for families and professionals to communicate effectively and monitor progress. By providing a unified platform, this system addresses these challenges and promotes efficient, personalized, and high-quality support.

The main objectives of the project are to enable parents to manage their children's profiles and therapy sessions, assist specialists in organizing treatment plans and documenting evaluations, and support organizations in coordinating services and tracking overall progress.

The development methodology involves building both a web and mobile application with an interactive user interface tailored for each role. The methodology involves designing and developing a mobile application using Flutter for the front-end, connecting it to a back-end system built with Node.js and MySQL for data management, and implementing secure authentication protocols. A centralized database will manage all relevant information, and artificial intelligence will be integrated to provide personalized recommendations and analyze feedback, enhancing decision-making and service quality. The development will follow an Agile approach, allowing iterative testing and continuous improvement to ensure usability and reliability.

Although some educational and therapeutic applications exist, few provide a fully integrated platform that connects all stakeholders—parents, specialists, organizations, and donors—within a single system for comprehensive special needs support.

This project seeks to facilitate access to appropriate services, improve communication among all parties, and enhance overall care and support for individuals with special needs, contributing to their development and well-being.