



Cover page

Project title: New Mothers Helper

Academic Year: 2023-2024

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Department Name: Computer Engineering

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Project Type Software (Choose one)

Supervisor Name: Eng. Haya Samaaneh

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:

For first-time mothers, the transition to motherhood can be challenging and stressful. With the help of this project, new mothers will have access to a useful resource for information, direction, and assistance in caring for their infants. It gives them the confidence they need to face the difficulties and unknowns of early motherhood. In this project we have covered the following aspects: -

Newborn Care: Providing guidance on sleeping, medication, growth and overall health monitoring for newborns.

Appointment scheduling: Calendar view for recording vaccination schedules and doctor appointments. Reminders with notifications and email.

Community Engagement: Facilitating connections among clinics and mothers through chatting.

Articles and Resources: Library of articles, blogs, and resources on various parenting topics.

Search functionality and categorization for browsing content.

Before gathering requirements and prioritizing features, the application and website development process entails extensive planning and research to establish project goals and comprehend customer demands. It is imperative to first design the user experience and visual aesthetics before proceeding to development, in which frontend and backend components are created with necessary technologies. Before the application is deployed to production environments, testing verifies that it operates as intended. For both the application and website, we will be using Flutter language, Node.js framework, and MonogoDB as the database.

While there are many websites and apps that provide advice and assistance to new parents, each one may have certain features and areas of concentration.