

Thesis Topic Registration Form

Student's Data:

Student's Name: Ashiralieva Medina

Student's Neptun code: GDZPP2

Educational Information:

Training programme: Computer Science BSc

I have an internal supervisor

Internal Supervisor's Name: *Dr. habil. László Ferenc Szabó*

Supervisor's Home Institution: *Department of Algorithms and Applications*

Address of Supervisor's Home Institution: *1117, Budapest, Pázmány Péter sétány 1/C.*

Supervisor's Position and Degree: *Associate Professor and Chair*

Thesis Title: Personal Medical Planner

Topic of the Thesis:

(Upon consulting with your supervisor, give a 150-300-word-long synopsis of your planned thesis.)

This thesis project aims to create a Personal Medical Planner to help people manage their health appointments, medications, and documents more easily. In today's busy world, it's common to forget appointments and lose track of important medical papers. This tool will solve these problems.

It's going to be a complete application that includes everything from the front end and back end. The front-end will be built using TypeScript and React, incorporating Bootstrap for design elements, while the back-end will be powered by Firebase for authentication and storing records.

Features:

- Document Storage: Users can upload and organize their medical documents, which ensures easy access to important records whenever needed.
- Appointment Reminders: The system will notify users about upcoming appointments, helping them stay organized and punctual with their healthcare commitments.
- Medication Tracker: Users can set reminders for taking their pills on time, helping them remember to take the medication and lowering the chance of forgetting doses.
- Personal Info: Users can store their health details. This feature ensures confidentiality and accessibility whenever required.
- Daily Tips: Users will receive daily reminders to stay healthy encouraging them to take an active role in managing their health.

In short, the Personal Medical Planner will act as a comprehensive personal planner for individuals to manage their medical-related tasks efficiently, stay organized, and prioritize their health and well-being amid their busy lives.

Budapest, 2024. 05. 15.