Meeting Report Form - Actual

Meeting Report - 2

Team Name: Nimbus' PawPals

Date of Meeting: 17 / 03 / 2025

Start Time: 10:30   **End Time:** 12:30

Meeting Location: Epoka University Campus

Moderator: Mario Caushi   **Recorder:** Mario Caushi

Other Members Present: Adela Kushta, Debora Hoxhaj, Jona Alushaj, Megi Muci.

Members Absent: –

Topics Discussed: System Implementation, design and integration.

Decisions Made:

- The system will follow a **three-tier architecture**, consisting of:
    - **Frontend:** Built using **ReactJS with Vite** for better performance and responsiveness.
    - **Backend:** Developed with **ASP.NET Core Web API**, handling authentication, business logic, and API requests.
    - **Database:** Implemented using **MySQL**, storing pet, customer, appointment, and product information.
- **Database Design:** We finalized the main tables required for the system. These will store and manage data.

These entities are:

- Manager
- Client
- Pet
- Product
- Groomer
- Doctor
- Receptionist
- UserAuth
- Services
- Timetable
- Feedback
- Bill
- MedicalChart

- Salary

Their attributes will be included in details in the ERD Schema and RS.

- **Integration Approach:**
  - The frontend will interact with the backend via **RESTful APIs**, ensuring smooth data flow.
  - API endpoints will be designed with proper authentication and authorization, allowing role-based access.
  - The database will be accessed through **Entity Framework Core**, simplifying data management.
- **Testing Strategy:**
  - **Unit Testing:** Individual functions and API endpoints will be tested separately.
  - **Integration Testing:** Ensuring proper data flow between frontend, backend, and database.
  - **User Acceptance Testing (UAT):** Testing with actual user scenarios before deployment.aq

Tasks Assigned:

Weekly Tasks:
Mario Caushi → Continue front-end development and integration.
Debora Hoxhaj → Start backend development and configure the database connection.
Adela Kushta → ERD, RS, MySQL code of the database schema and the population.
Jona Alushaj, Megi Muci → Think and write as many functional requirements as possible.

Time, Place, and Agenda for Next Meeting: Epoka University Campus, 25 / 03 / 2025