

MEETING REPORT

Team Name: Patient Management System

Date of Meeting: 15.05.2024

Start Time: 12:00 End Time: 17:00 Meeting Location: Tech Space

Moderator: Tea Disho

Recorder: Ziko Muca

Other Members Present: Layan Alateeq, Orkida Gjeli, Redion Polici, Unejsi Isufaj

Members Absent: None

Topics Discussed:

-Identification and justification of design patterns present in our project, along with the creation of class diagrams for each pattern and working with the documentation of the project.

Decisions Made:

We discussed to model the class diagram for those design patterns.

Factory Pattern: This pattern is used to create different types of appointments. It allows the system to handle the creation of objects without specifying their exact class, promoting flexibility and scalability.

Builder Pattern for Medical Prescription:

Implement the Builder Pattern to handle the creation of complex medical prescriptions. This pattern allows for step-by-step construction of prescription objects, providing flexibility and clarity in the creation process.

Facade Pattern for Medical File:

Implement the Facade Pattern to provide a simplified interface for accessing and managing medical files. This pattern will reduce the complexity of interactions between the user interface and the underlying medical file system.

Observer Pattern for Vaccine List:

Implement the Observer Pattern to manage and notify updates to the vaccine list. This will ensure that all relevant components (e.g., patients, doctors, inventory systems) are updated in real-time whenever there is a change in the vaccine list.

Tasks Assigned:

Ziko and Orkida-Create a class diagram for the Factory Pattern showing the creation process of different types of appointments.

Tea-Implement the Observer Pattern in the class to handle real-time updates to the vaccine list.

Layan-Implement the Builder Pattern in the class diagram to handle the creation and management of medical prescriptions.

Unejsi-Implement the Facade Pattern in the system to handle the access and management of medical files efficiently.

Time, Place, and Agenda for Next Meeting:

We agreed to continue our weekly meetings at Techspace on next Wednesday to prepare for the final submission.

The agenda for the next meeting will focus on:Final Submission.