Reykjavík University

Software Engineering

Computer Science

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Project Overview Report:

Sprint 1

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1. Introduction

In this overview we will be taking the first steps towards creating a hospital management system which will support different operations in and around a hospital. We will first try to find the relevant stakeholders for the system, then we will create relevant user stories for the stakeholders. With the user stories we will create a domain model and scenarios, to get a better picture of the system.

1. Stakeholders

The stakeholders that we found relevant for this software system are as follows in no particular order:

Patients

Doctors

Nurses

Receptionists

Paramedics

Ministry of Health staff

These are the main users or actors in the software system that we will be developing.

1. Domain model
2. Scenarios

The doctor finishes a check-up on a patient and comes to the conclusion that they need to prescribe them with medicine X. The doctor uses the system to check the patient's profile to see his allergies, to make sure he does not get medicine which he is allergic to. After checking the profile and making sure, the doctor sends the medicine order to the pharmacy.

A new patient comes in for something unknown and the receptionist checks the patient in by filling relevant information in the website. After that the receptionist assigns relevant doctors and nurses to go to the patient through the website based on whether they are busy.

1. Final words