**Hospital Management Project**

Spring Semester 2017

CSC 4350, 5:30-7:15

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Group 6

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**Hospital Management System (HMS)**

**HMS- 1.0 INTRODUCTION**

A Hospital Management System (HMS) is designed to automate and organize various day-to-day activities taking place in a hospital and also storing patient as well as staff database for quick future access.

**HMS- 2.0 APPOINTMENTS**

The System shall help in setting up patient appointments by considering each individual case and the schedule of assigned doctor. The System shall also give doctors an option to set up or cancel an appointment.

**HMS- 3.0 PATIENT RECORDS**

The System shall maintain patient records and diagnostic reports efficiently. Such records shall be accessed by assigned doctors in the future.

**HMS- 4.0 STAFF RECORDS**

The System shall maintain a record of doctor appointments, prescriptions given by the doctor and details of the doctor. The System shall also maintain relevant information about the nurses and other hospital staff.

**HMS- 5.0 LAB RECORDS**

The System shall also store lab reports and lab diagnostic information. The System shall forward the lab reports to assigned doctors.

**HMS- 6.0 PHARMACY**

The System shall also efficiently maintain medicine inventory and notify when a new order needs to be placed

**HMS- 7.0 INVOICE MANAGEMENT**

The System shall also manage patient invoices and transaction details.

**Project Description:**

We are making a hospital management system. Our system should be able to give the doctors, staff personal, and the patient details. This includes: doctor’s appointment schedule, the nurses on duty, as well as the patient billing. The goal is to make it useable for any hospital or clinic to maintain patient details as well as the procedure results.

**Work Structure:**

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| Gautam Ravichandran | **Team Coordinator**  Documents Handler  Java Coder |
| Victoria Green | Database Manager  GUI Coder/tester |
| Ashwin Nair | Java Coder  GUI Coder |
| Karankumar Parikh | Database Manager  Finalize code documentation |
| Young Jun Son | Java Coder  User Guide |

