**GROUP NAME: BUTTERFLY**

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| --- | --- |
| **NAME** | **ID** |
| **AHMED,RAIHAN** | **19-40978-2** |
| **OSMAN,SUPRIYA** | **19-39735-1** |
| **MANNI,NAHIN AFRIN** | **18-38734-3** |
| **LEO,NAFINUR** | **20-42195-1** |
| **RAHE,TASIN HASAN** | **19-41008-2** |

**Title:** **Hospital Management System**

A patient can be admitted in a ward at ‘X’ hospital, this process can be handled by **Hospital Management System**. A patient is identified by the patient id. At the system also stores patient name, ward number, mobile number, age, date of birth, gender and address. Employee can work in wards. A ward is identified by ward number. Ward type and ward section are also stored. At least one employee must work in a ward. Patient gives payment which contains amount, date and identified by payment number. Employee of hospital treats patient and works in ward. To identify an employee the system stores employee id along with name, sector, post, salary, ward section, ward number and department. An employee name is composed of first name and last name. The entire employee belongs to a department which is identified by department number. Each department should have at least one employee. The system also stores department name, laboratory number and location. Department has a laboratory that identified by laboratory number and it also has laboratory type. Laboratory is fully dependent on department. Employee earns salary. Every employee’s salary is identified by salary grade. Salary also contains highest and lowest salary. Account receives payment from patients as well as employee gets salary from account. Account number is main identification of account which also contains account type, amount and add/less.

