**Department of Computer Science**

Term Project Proposal, Spring2019-20

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| Course | OBJECT ORIENTED PROGRAMMING 2 | Group |  |

**Group Members:**

|  |  |  |
| --- | --- | --- |
| Student ID | Name | Section |
| 17-34712-2 | Alam, Muntasir | F |
| 17-34711-2 | Hasan, Md. Mahmudul | F |
| 17-34086-1 | Fahim. Ahmadul Haq | F |

**Project Title:**

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| Pharmacy Management System |

**Project Description:**

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| **Admin:**   |  |  |  | | --- | --- | --- | | **Use Feature Name** | **Actor** | **Feature Story** | | * Login * Add * Perform sales * View information * Update * Remove * Search * Refresh * Logout | Owner | * Can login to the system. * Can add new users, medicines (inventory) & perform sales with auto generated id. * Can see all information of the users, medicines (inventory) & sales. * Can update users, medicines (inventory) & sales. * Can remove users, medicines (inventory) & sales. * Search medicines (inventory) & sales. * Can refresh all information (in Grid view). * Can logout from the system. |   **Sales Man:**   |  |  |  | | --- | --- | --- | | **Use Feature Name** | **Actor** | **Feature Story** | | * Login * Perform sales * View information * Update * Search * Refresh * Logout | Employee | * Can login to the system. * Can perform sales with auto generated id. * Can see all information of the medicines (inventory) & sales. * Can update sales. * Search medicines (inventory) & sales. * Can refresh all information (in Grid view). * Can logout from the system. |   --------------------------------------------------------------x----------------------------------------------------------------  **Database Schema:**  **users:**  **users.png**  **medicine:**  **medicine.png**  **sale:**  **sale.png** | | |
| **Requirements**: |  |  |
| * At least 2 types of User * One Complete Repository * Database Connection Class. * Normalized DB (2NF) | * Search Option for all users. * Use of delegates * OOP Principles * Application Layer (Form Design). | * Database CRUD operations * All the Forms MUST be connected. * n-Tier Architecture. * Entity Classes |