**Department of Computer Science**

Term Project Proposal, [Summer 21-22]

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| Course | OBJECT ORIENTED PROGRAMMING 2 | Group |  |

**Group Members:**

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| --- | --- | --- |
| Student ID | Name | Section |
| 20-44242-3 | Md Shamim Ahmed | B |
| 20-44249-3 | Asif Ahmed Tanjid | B |
| 20-44263-3 | Sunjida Kabir Shepa | B |

**Project Title:**

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| Super Shop Management System |

**Project Description:**

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| * Owner   + Login – Logout   + Change Password   + Manage Employees (Add, Update, Remove)   + Stock Management (Add, Update, Remove)   + Stock Reports (By Category)   + Search Operation   + Sales reports (By Date & Time, By Employee)   + Shop Statistics   + Place Order   + Reset * Employee   + Login – Logout   + Change Password   + Update Personal Information   + Search Operation   + Profile Overview   + Update Stock   + Place Order | | |
| **General Requirements**: |  |  |
| * At least 2 types of User * Db Connection Class. * Normalized DB (2NF) * Desktop based App * Use of properties * Proper form validation | * Search Option for all users. * OOP Principles * Form Design * Proper use of access modifiers | * Database CRUD operations * All the Forms MUST be connected. * Login Form can only have ID & Password. * Exception Handling |