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|  | American International University-Bangladesh  Faculty of Science and Technology  Department of Computer Science  CSC 1205 Object Oriented Programming – 1 (JAVA) |

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| **GUI Based Group Work Evaluation** | **Semester:** Summer 2023-2024 | **CO Assessed:** CO3 | **Total Marks:** 20 |
| **Student(s) must bring the completed project evaluation form to participate in the group work evaluation process.** | | | |

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| **CO3 [PO-h-1]:** Determine and validate the appropriate system functional requirements, as well as their design for a real-life based application, in order to facilitate communication and analytical abilities. | | | | | | |
| **Assessment**  **Attribute/Criteria** | **Missing/Incorrect (0)** | **Inadequate  (1)** | **Moderate (2)** | **Satisfactory (3)** | **Good (4)** | **Excellent**  **(5)** |
| **Evaluation Criteria** | **Evaluation Definition** | | | | | |
| **Functional Requirement** | Properly plan a real-life scenario-based GUI based group work with proper functional requirement identification for the Object Oriented Programming project development activities. | | | | | |
| **Role based Responsibility** | Proper planning and execution of role-based responsibility allocation. | | | | | |

*\*The following CO3 and Total Marks sections are to be filled out by the Course Teacher during the group work evaluation period.*

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| **SL** | **Student** **Name** | **Student** **ID** | **Section** | **Marks acquired in CO3 (10)** | | **Total Marks Acquired (20)**   |  |  | | --- | --- | | VIVA | 05 | | DEMO | **05** | | CO3 | **10** | |
| Evaluation Criteria | |
| Functional Requirement (5) | Role based Responsibility (5) |
|
| 1 | Ayan Halder | 23-54742-3 | M |  |  |  |
| 2 | Afroza Khanom Nazah | 23-55040-3 |  |  |  |
| 3 | Mohtasim Evne Helal Talha | 23-54919-3 |  |  |  |
| z |  |  |  |  |  |

*\* Students need to fill out the* ***Student Name, ID, Section****,* ***Project Title, Contribution in %, Major Contributed Features, Group Work Link and the Group Work Description*** *in accordance with their own project work.*

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| **Title** | Pathology Billing System(Snowdrop) |

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| **Requirements** | * Login, Registration with File. * Dashboard with basic insert, delete and display operations using JLabel, JTextField, JTextArea, JButton, etc. * Must adhere to the core concepts of Object-Oriented Programming (OOP). | ☐ Package  ☐ Exception Handling  ☐ File I/O | **GUI Frames**  ☐ Login/Register  ☐ Home Page  ☐ Management Pages |

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| **Individual** | Student SL-1 | Student SL-2 | Student SL-3 | Student SL-4 |
| **Contribution in %**  **Total: 100%** | 40% | 33% | 27% |  |
| **Major Contributed Features** | 1. EntityList  2. Listeners  3. Gui(Code Writing)  4. FileIO  5. Debugging | 1. Entity  2. Gui(Designing)  3. Gui(Code Writing)  4. Testing  5. | 1. Entity  2. Gui(Code Writing)  3. ActionListener  4.  5. | 1.  2.  3.  4.  5. |

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| **Group Work Link**  **(Drive/GitHub)** | Upload the work to your GitHub profile or your Drive (Google drive/OneDrive/DropBox) and provide the publicly shared link here. |

*\*\*\*Complete this part along with the parts mentioned in previous page prior to your project defense and submit accordingly.*

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| **Title** | Pathology Billing System (Snowdrop) |
| **Description** | The **Pathology Billing System (Snowdrop)** is a Java application specifically designed to improve the overall efficiency of pathology lab operations. Its primary purpose is to effectively manage key components such as patient records, employee details, and information about the lab's ownership. A standout feature of the system is its robust test management capability, which facilitates scheduling, tracking, and storing comprehensive information about various tests and patient results. This functionality is crucial in helping both employees and lab owners access and organize all relevant test data with ease. Alongside this, the system simplifies patient data management by allowing the seamless storage and retrieval of records, ensuring a streamlined process for tracking patient history. Additionally, **Snowdrop** includes a billing module that enhances accuracy in managing the financial aspects of lab services. By incorporating these essential functions into one platform, **Snowdrop** delivers a structured and efficient workflow that benefits lab owners, staff, and patients. |

**\*Group Work Timeframe**

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| **Requirement Analysis/Planning** | **Coding** | **Compilation of the whole Work** | **Testing** | **Total** |
| 7 days | 12 days | 3 days | 1 day. | 23 days |

**\*Individual Contributions**

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| **SL** | **Student ID** | **Justification on Individual Contributions** |
| 1 | 23-54742-3 | Main Backend Developer, Debugger |
| 2 | 23-55040-3 | Main Frontend Developer, Tester |
| 3 | 23-54919-3 | Full Stack Developer. Cooperated with Backend Dev. & Frontend Dev. |
| 4 |  |  |