

American International University-Bangladesh (AIUB)  
**Department of Computer Science  
Faculty of Science &Technology (FST)  
Spring 21\_22**

**Section:   
Group No:**

**PROJECT TITLE**

A software Engineering project submitted

By

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| --- | --- | --- | --- | --- |
| S/N | Student Name | Student ID | Contribution (%) | Individual Marks |
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The project will be Evaluated for the following Course Outcomes

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| --- | --- |
| Your Project will be Evaluated based on the following marking criteria | Total Marks |
|  |
| Requirements Analysis (functional, quality, and project requirements) [5Marks] |  |
| System Design (UI/UX design) & Test case [5Marks] |  |
| Project Management Planning [5Marks] |  |
| Submission, Completeness, Spelling, Grammar and Organization [5Marks] |  |

Submission Date:

Description of Student’s Contribution in the Project work

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| Student Name:  Student ID:  Contribution in Percentage (%):  Contribution in the Project:   * Contribution Description 1 * Contribution Description 2   \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Signature of the Student |
| Student Name:  Student ID:  Contribution in Percentage (%):  Contribution in the Project:   * Contribution Description 1 * Contribution Description 2   \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Signature of the Student |
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# PRODUCT AND PROJECT DESCRIPTION

## System Features

* List down the system functional requirements that describes the system’s functionalities

## System Quality Attributes

* List down the quality attributes that describes how well the system should perform.

## Project Requirements

* List down the project constraints (e.g., time, budget, resources, environment, etc.) that should be followed in the project management.

# SYSTEM DESIGN SPECIFICATION

## UI/UX Design

* Design a prototype of your proposed solution (Web/Desktop/Mobile/Device) using the selected tools based on the UI/UX design principles.

# SYSTEM TEST PLAN

* Select a particular system (Web/Desktop/Mobile/Device) and identify various modules of the system so that they can be tested stand alone.
* Prepare test cases of testing the selected elements of your identified software (System functionalities AND System Quality Attributes)

# PROJECT MANAGEMENT PLAN

## Project Scheduling

* Identify all the micro tasks related to project management and categorize them within the WBS structure.
* Perform detailed effort estimation correspond with the WBS and schedule
* Draw a Gantt chart of the identified tasks from WBS based on the precedence of each task you’ve identified.

## Risk Analysis

* + Describe the available resources and their allocation in performing the project tasks
* Identify all the potential risks in your project development and provide a mitigation plan

**Text Format:**

* Font Style: Times New Roman
* Font Size: 12
* Line space: 1
* Alignment: Justify
* Report Length: Maximum 10 pages (including cover page)