

American International University-Bangladesh (AIUB)  
**Department of Computer Science  
Faculty of Science &Technology (FST)  
Spring 23 24**

**<PROJECT TITLE>**

Software Requirement Engineering

Sec: **A/ B**

Project submitted

By

*Student Name (Student ID)*

*Student Name (Student ID)*

*Student Name (Student ID)*

*Student Name (Student ID)*

**Checked By Industry Personnel**

Name:

Designation:

Company:

Sign:

Date:

1. **PROBLEM DOMAIN**
   1. **Background to the Problem**

* Write the background description that helps putting the project into the right context of a problem domain and gives everyone involved a common view of the project
* What is the root cause of this problem? why is this problem is so important to consider?
  1. **Solution to the Problem**
* What are the solutions you are going to propose to deal with the problem? why is this   
  solution is particularly appropriate to solve the problem? Is the solution feasible to the   
  meet the business objective?
* Provide a short description of the software being specified and its purpose, including relevant benefits, objectives, and goals
* Existing studies presented in the problem area. What are the existing software solutions   
   are available to solve the problem?

1. **SOLUTION DESCRIPTION**
   1. **System Features**

* List down the system functional requirements and quality attributes in each system feature that is necessary for the software.
  1. **UML Diagrams (Any 3 types)**
* Draw use-case diagram, activity diagram, class diagram, E-R diagram to describe the solution software you are proposing.

1. **Social Impact**

How society will be benefitted from your project idea.

1. **Development Plan with Project Schedule**

In your document you should provide a proper development plan that presents in every SDLC including project schedule. To prepare project schedule useany project management tools. Don’t make the schedule in MS word/ excel.

1. **Marketing Plan**

In your document you should provide proper marketing plan that will make your idea popular among the community so that you can make business. Marketing plan should have short term, long term and continuous plan.

1. **Cost and Profit Analysis**

In your document you should provide proper cost analysis including development and marketing cost. Then you can show profit analysis. Based on your profit analysis investors will be agreed to invest on your idea.

1. **Reference**

Put all the references you have used during the project work.