



AMERICAN INTERNATIONAL UNIVERSITY-BANGLADESH

(AIUB)

Department of Computer Science and Engineering

Project Topic: A Blood Donor Website.

Course Title: Software Engineering

Section: [K]

Class ID: 01495

Submitted To:

Dr. Md. Taimur Ahad

Assistant Professor, Computer Science

Submitted By:

Group Member's	ID
Rakin Sad Aftab	20-41991-1
Md Rabiul Islam Rasel	20-42067-1
Mir Maruf Ahmed	20-42082-1

Blood Donor Website

1. Study the Software Engineering process model to appropriate process model to develop your proposed system solution.

The project we have undertaken is a website of blood donors. The project aims to develop a website. After carefully reviewing the existing SDLC, we have decided to utilize the Agile model as SDLC in our project.

2. Present your arguments based on your analysis about why your selected method(s) is the best choice among all other methods to develop your proposed software.

The reason for selecting Agile as SDLC are given below:

- a. The benefit of agile methodology is the ability to find problems and create solutions quickly and efficiently.
 - b. The flexibility of the agile method allows project teams to respond to customer reactions and constantly improve the product.
 - c. People and interactions are emphasized rather than processes and tools.
 - d. Continuous attention to technical excellence and sound design.
 - e. Working software is delivered frequently (weeks rather than months).
3. Identify all the roles in the project management activities in software development. Describes the responsibilities of the role in the software development.

The roles and responsibilities are distributed in the project given below:

Name	Role	Responsibilities
Mir Maruf Ahmed	Project manager	Manage everything about the project.
Rakin Sad Aftab	Programmer	Programs all the essential functions.
Md Rabiul Islam Rasel	Software Quality Testing Engineer	Test the software quality and report to the programmer.

4. Your Design Specification must address the evaluation rubrics mentioned in the software engineering course outline.

According to the course rubrics, applying the design specifications:

Design Specification	Course Rubrics
Applied a mode: The Agile model will be used in the project decided by the software development team.	We are applying the software development methodology based on the suggestions of our course outline.
Applied UML: The team developed use case diagrams.	We used the use case diagram because of the course outline suggestion.