Habib University
s h a p i n g   f u t u r e s

Section 1: Metadata
to be filled by the student

1.1. Project Information to be filled by the student

Title: Dengue Outbreak Management System	
Section:	Instructor:

1.2. Student(s) Information

Name:	ID:
Section:	Batch:

Name:	ID:
Section:	Batch:

Name:	ID:
Section:	Batch:

Submission guideline: Save your project proposal as a pdf file and rename as Project Proposal_L1_ProposedTitle where L1 is to be replaced with your section

Section 2: The Project
to be filled by the student

2.1. Project Description: *Please provide a brief introduction of the project including its scope.*

The project will estimate the harm brought on by the recent dengue outbreak in Pakistan. By reestablishing access to employment opportunities and essential infrastructure, it will enable individuals to resume their regular lives. The project's design is based on the assessment of post-outbreak demands and damage with the aid of the supplies required in dengue-affected areas. Volunteers and NGOs that are collaborating to aid the needy will give these items to the impacted individuals. Medical supplies, clothing, food, money, and other basics will be among the items provided. The disastrous Outbreak, which affected a large number of people, also severely damaged Pakistan's economy. The outbreak slowed down efforts to eliminate poverty, with the poor and the most vulnerable suffering the most from health problems and lost employment chances. The Project's major goal is to immediately resume economic activity and enhance the standard of living for those who have been severely impacted by this outbreak. The Project will concentrate on reducing the cases by clearly defining the steps to be followed for safety and reestablishing the impacted individuals' livelihoods.

2.2 Functional Requirements

This section describes each function/feature provided by your system. These functions are logically grouped into modules based on their purposes. The users in your system must be categorized such as client, customer or administrator etc. These users will be accessing the database with the level of access that they are authorized with.

Sample functional Requirements:

Module 1: Registrations

• Functionality: Goto database as a user or login as admin to modify/update the database

– Function 1a: The user has read–only access and is directly able to access the database.

– Function 1b: Enter the database as the Admin user. The database can be updated, edited, and deleted by the admin at any time. The database's upkeep primarily falls under the purview of the admin.

Module 2: Data accessing | User

- Functionality: User can access data, run queries and extract useful information from the database.

Module : Database Management | Admin

- Functionality: The database manager is the admin. The administrator has the ability to administer the database by editing already existing data, adding new data, deleting data, and performing any necessary operations.

2.3. Planned Schedule: *Kindly list the start/end dates and the timeline for the achievement of any intermediate milestones and the expected contribution to be made by the participant(s).*

21st September: Project proposal idea approved by   .

Initial ERD: Last week of September.

Interim ERD: Second week of October.

Final ERD: Last week of October.

Interim Demo: First Week of November.

C# Form: Third Week of November.

Final Presentation: November 28th onwards.

2.4. Technology Stack: *Kindly identify the language and database management system that will be used to build this application. Also identify whether it is going to be a desktop application, mobile application, or web application.*

We are planning to make a desktop application. We plan on building the ERD on DB designer Fork. For database management system, we would be using Microsoft SQL Server. For the front-end development, we will be using C# (windows form).

Project Grading Rubric

Project weightage: 20% (of course grade)

Grade breakdown

Proposal	15%
Interim ERD	20%
Interim Demo	25%
Final Presentation and Submission	40%
Total	**100%**

Project Proposal

Category	Description	Weightage
Proposal document	The overall quality of the submitted document	5%
Useability/Novelty of Idea	How good and useful the project will be.	5%
Features	List of features are defined adequately or not.	3%
System's Users	The users of the system are identified appropriately or not.	2%
Total		**15%**