

**Design Document Online Admission
System Solved By Malik!!**

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To seek knowledge is the duty of every Muslim man and woman

<Online Admission System for VU of Pakistan> **Design Document**

Version 1.0



Group Id: <F1702359E1>
Supervisor Name :<Mukaram Shah>

Revision History

Date (dd/mm/yyyy)	Version	Description	Author
27/12/2017	1.0	This system will be to enable students to apply from anywhere. It will overcome multiple barriers which irritates students whether male/female or disabled person, like personally going to apply in any case, standing in row waiting for his/her turn in hard weather conditions etc.	MC160403912



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1. Introduction of Design Document

This document is designed to see what is to be built at its origin levels in order to give a software expansion team an overall guidance of the architecture of the software project. This phase surround

- Entity Relationship Diagram (ERD)
- Sequence Diagrams
- Architecture Design Diagram
- Class Diagram
- Database Design
- Interface Design
- Test Cases

Entity Relationship Diagram:

Entity Relationship Diagram is a data model for describing a database in an abstract model. It contains entities and their relationships. An entity may be defined as a thing which is recognized as being capable of an independent existence and which can be uniquely identified.

Sequence Diagram

Sequence Diagram is an interaction diagram that shows how processes operate with each other.

Architecture Design Diagram:

Architecture Design Diagram used to represent data in the form of layers. It contains three layers' data link layer, application layer and business layer.

Class Diagram:

In Class diagram we will describe the structure of Online Support System by showing the system's classes, show their attributes, operations or methods and relationships between classes or objects. In a class diagram classes represent both the main objects and interactions.

Database Design:

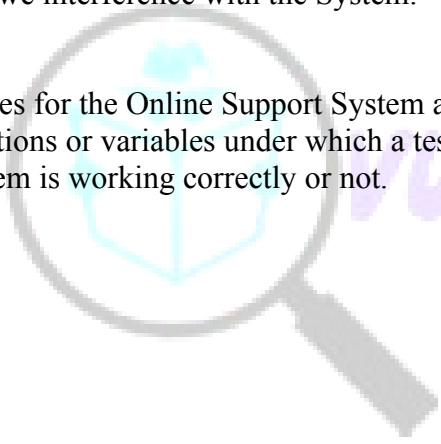
Database Design is a process of producing a detailed data model of a database. It can be taken as the logical design of the base data structures to store the data

Interface Design:

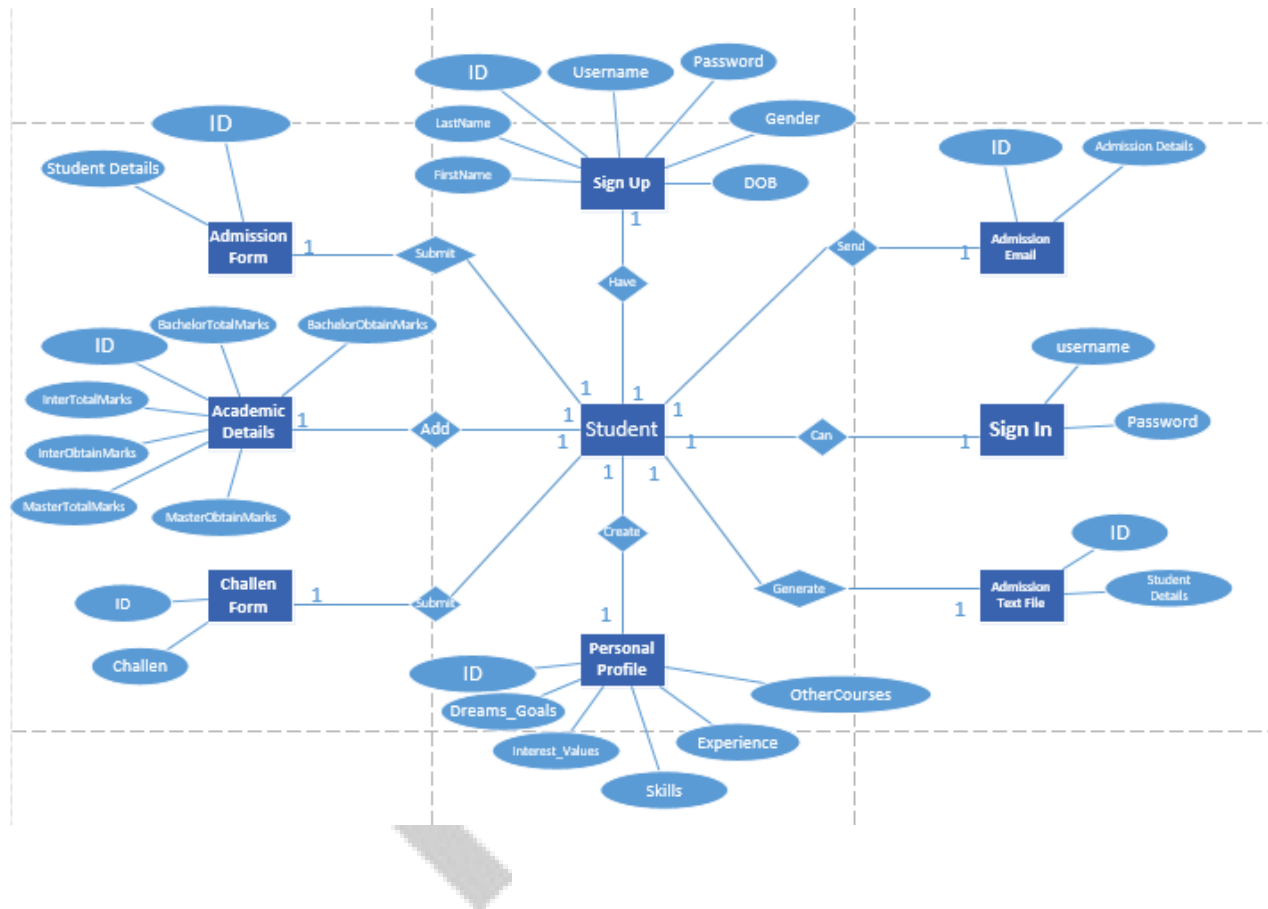
Interface Design is a GUI view of main software. It shows how our Software Application will look like and how we interference with the System.

Test cases:

In the test cases for the Online Support System are also given. A test case in software engineering is a set of conditions or variables under which a tester will determine whether an application or software system is working correctly or not.

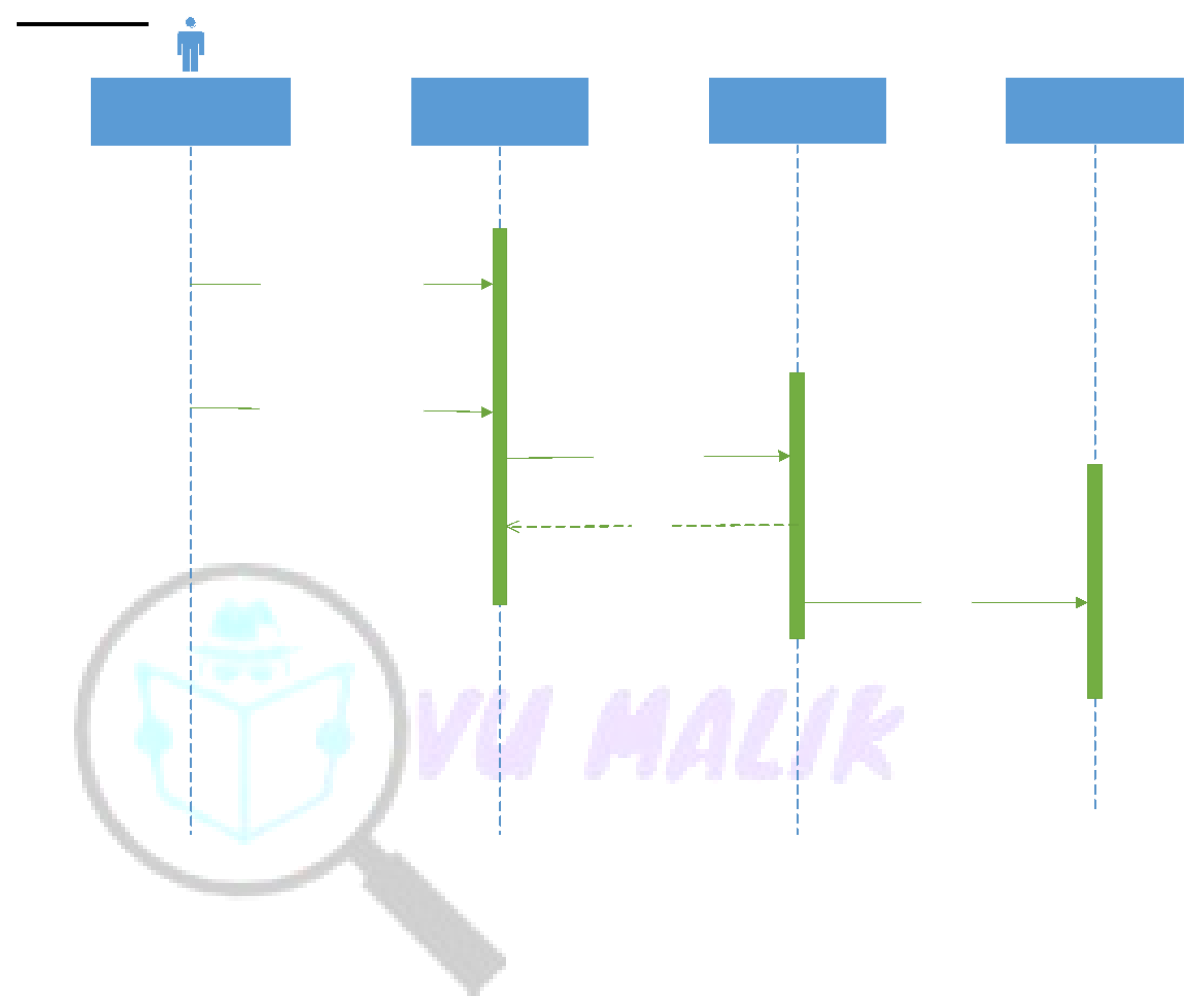


2. Entity Relationship Diagram

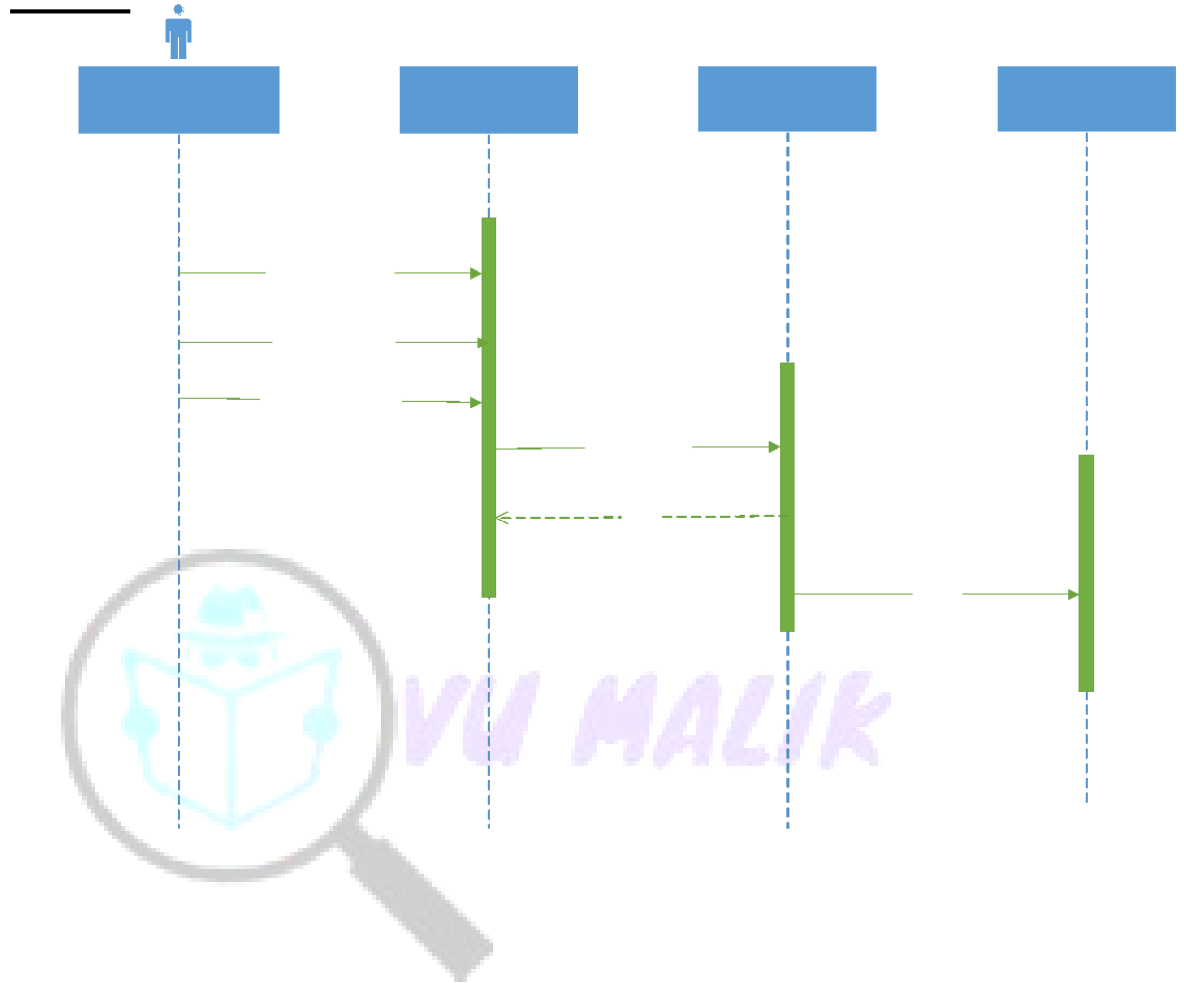


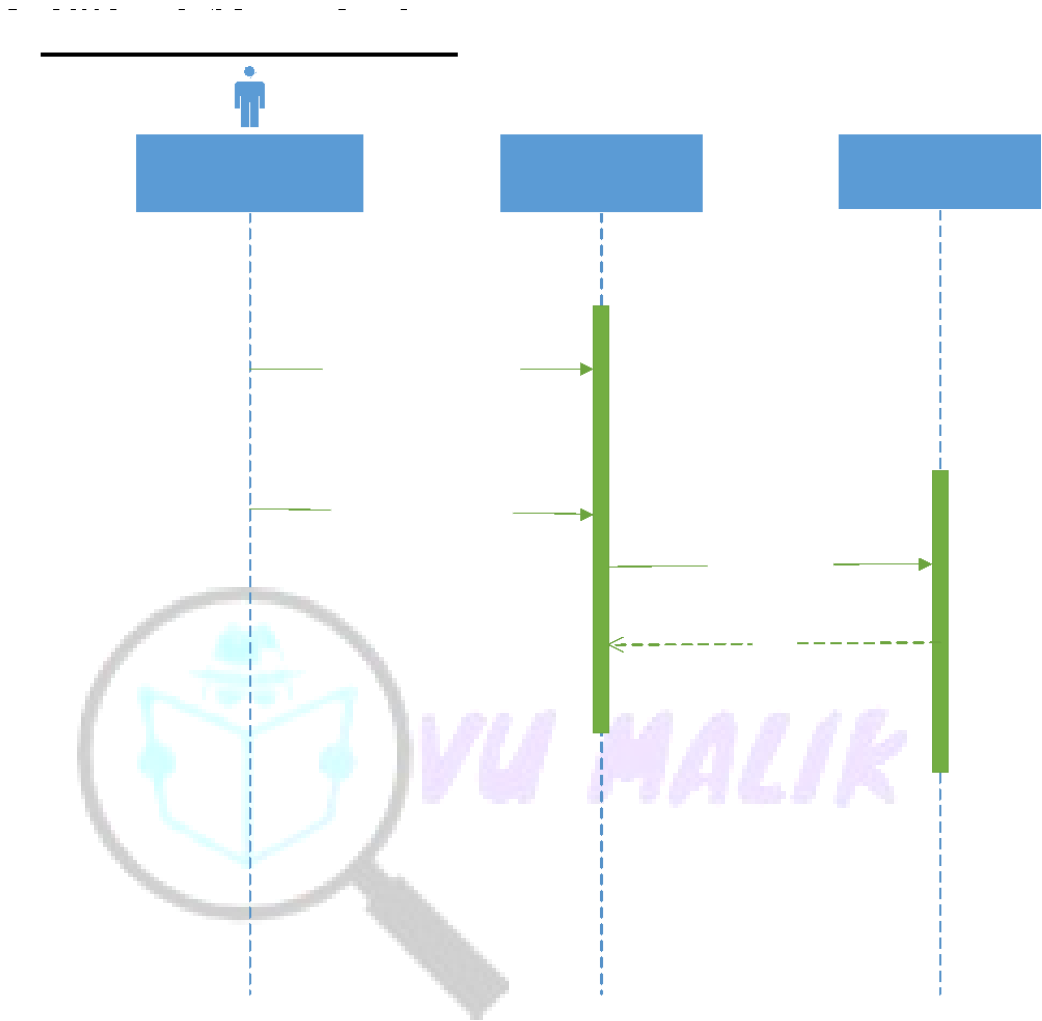
3. Sequence Diagrams(To be developed using Rational Rose or any other drawing software of your choice)

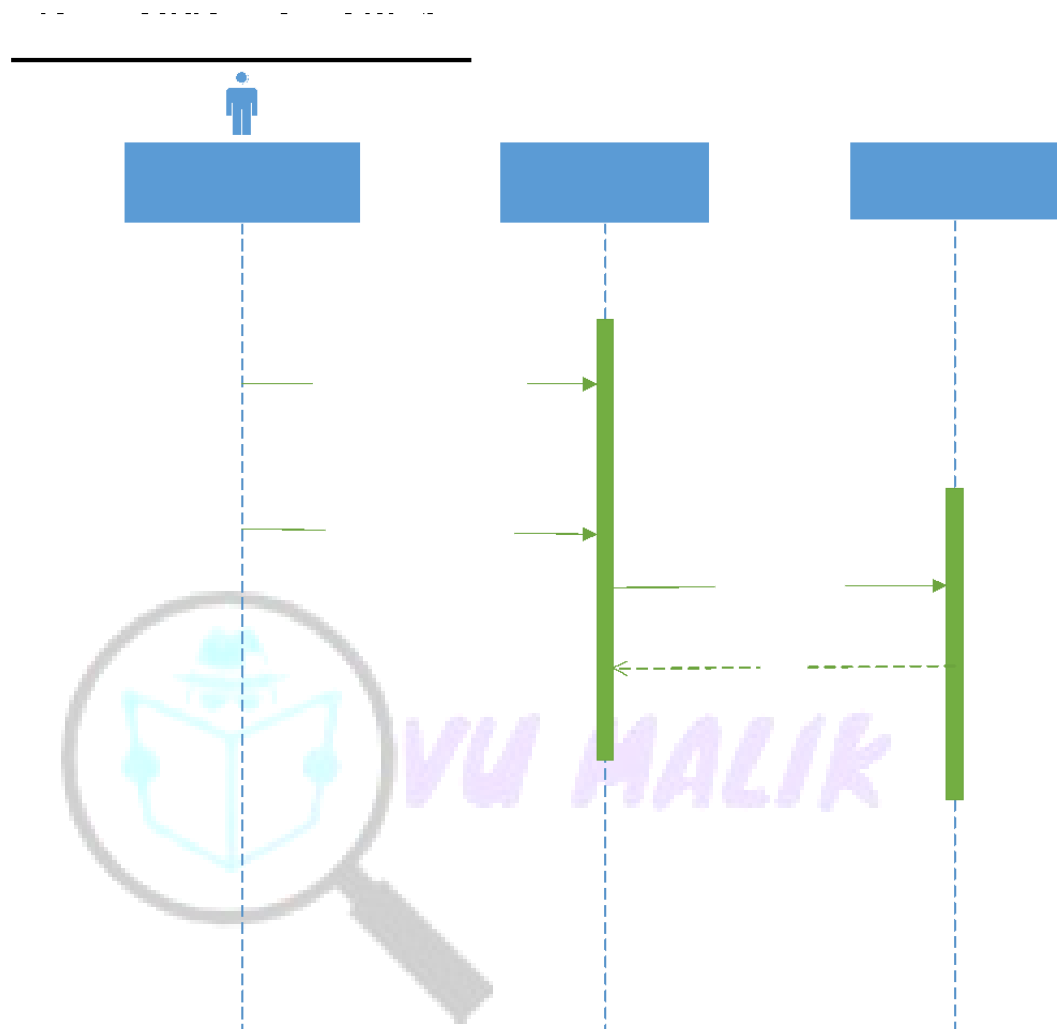
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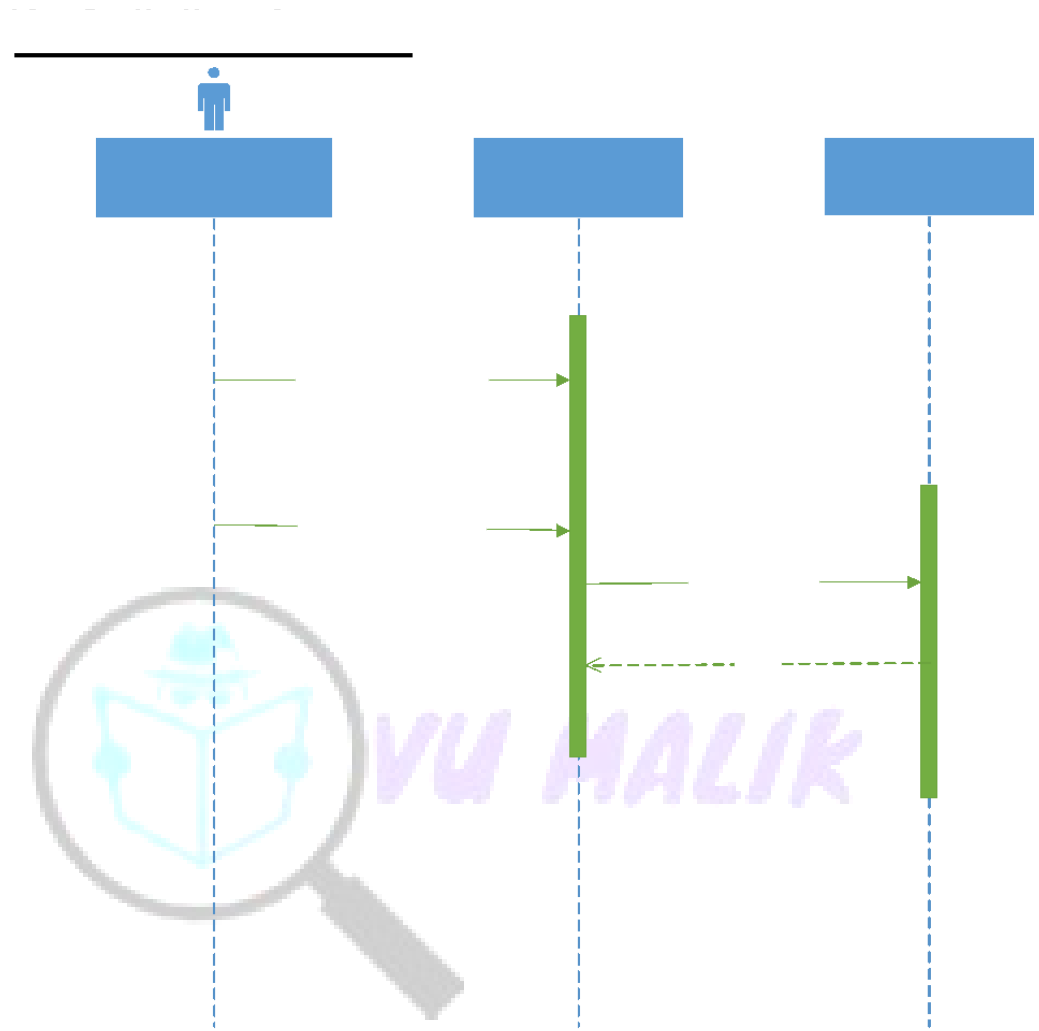


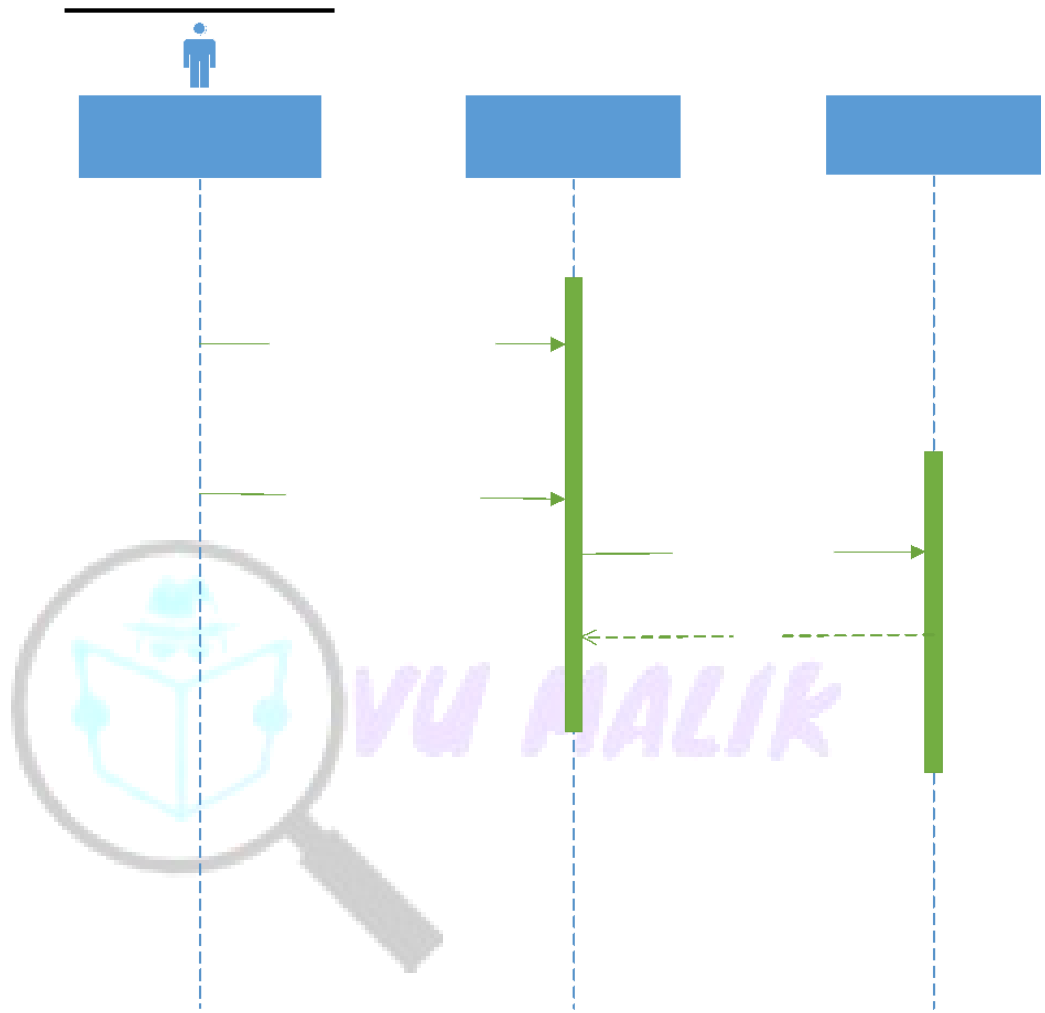
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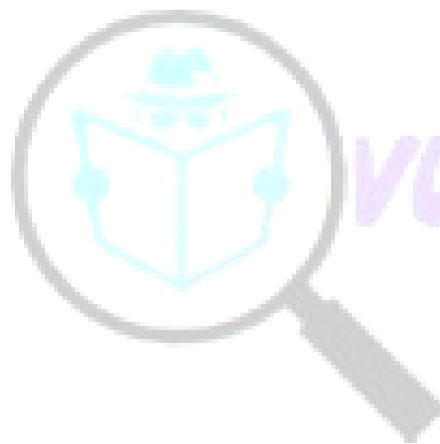






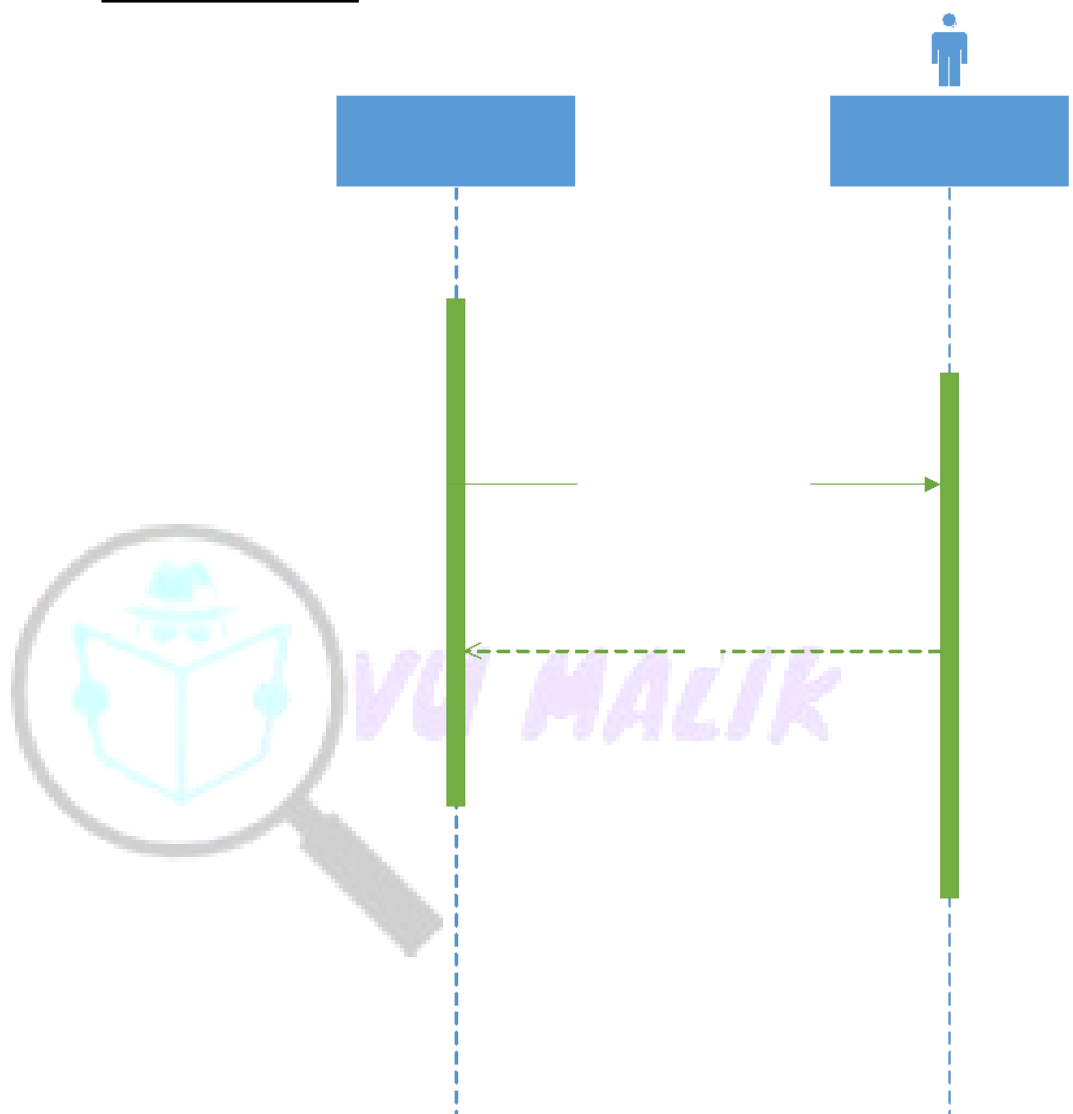


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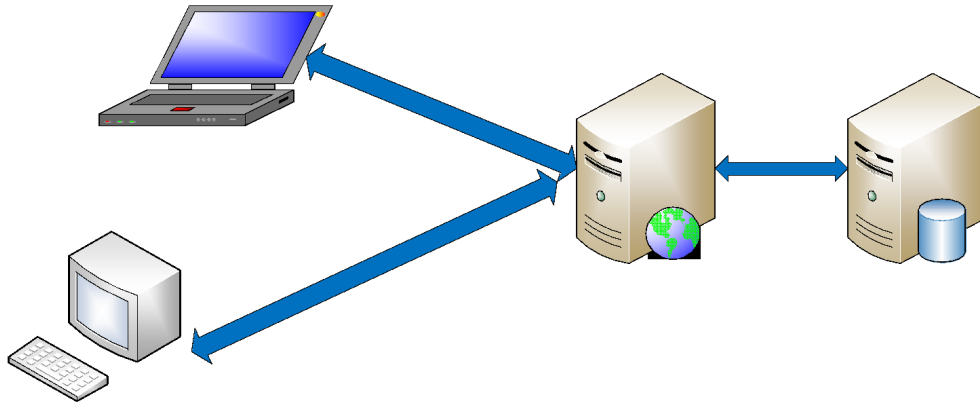


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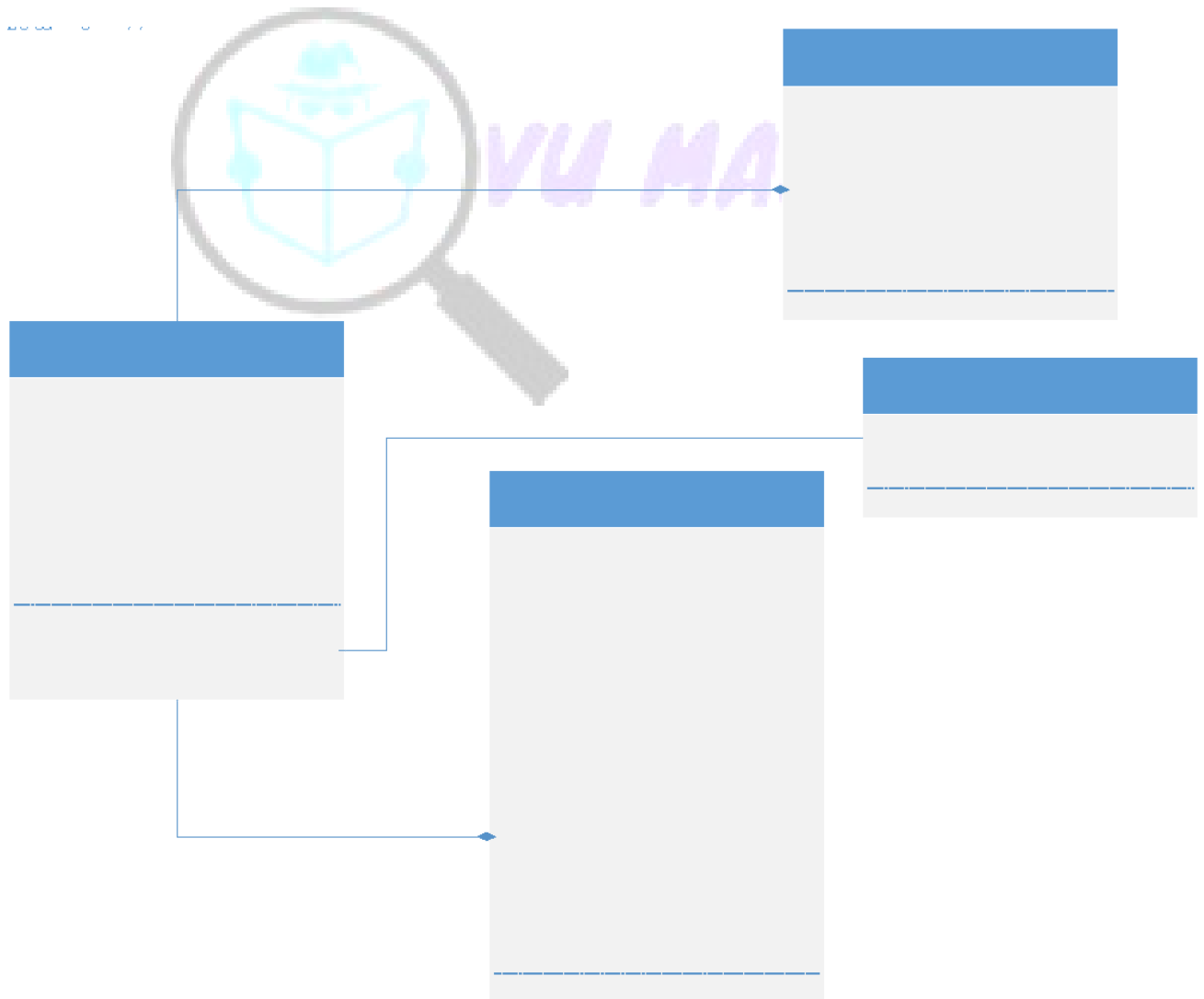




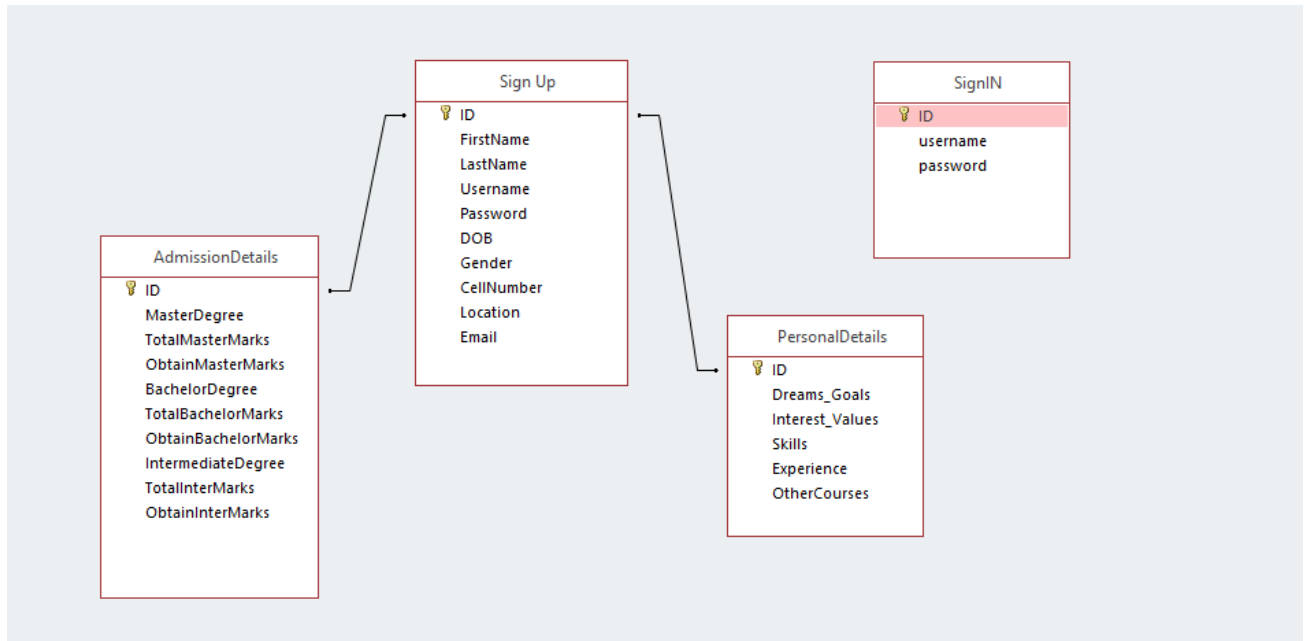
4. Architecture Design Diagram



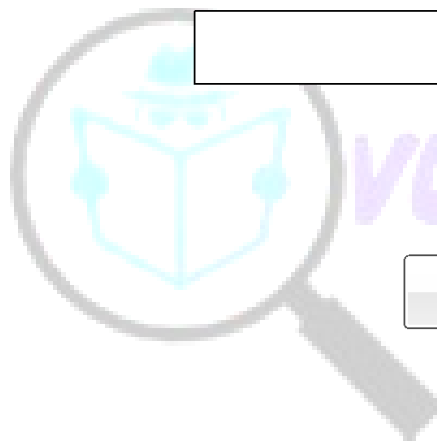
5. Class Diagram



6. Database Design



7. Interface Design



6. 11. 2020

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8. Test Cases

Test Case Id	1
Test Case Title	Login
Pre-condition	User must be registered.
Actions	Welcome to the login page. Required fields are Email ID, Name and Password. Validation fields are Email and Password. Press Login Button.
Expected Result	Users go to their relevant User Home page.
Tested By:	MC160403912

Test Case Id	2
Test Case Title	Sign Up
Pre-condition	Student Wants to take admission
Actions	1) Student Open the Application 2) Enter the user name and password 3) Enter gender, full name, cell number, CNIC and other details in sign up form 4) Click the Sign-Up button Student Registered Successfully
Expected Result	Student Registered Successfully and go to Sign In Page
Tested By:	MC160403912

Test Case Id	3
Test Case Title	Create Personal Profile
Pre-condition	Student login to the application
Actions	1) After login student enter his/her personal details 2) Enter goals and dreams 3) Enter experience 4) Enter skills 5) Enter other experiences Profile created successfully
Expected Result	Student Personal Profile Add to the Database
Tested By:	MC160403912

Test Case Id	4
Test Case Title	Enter Academic Details
Pre-condition	Student login to the application
Actions	1) Student enter his/her academic details Academic details add to the admission database successfully
Expected Result	Student create his/her personal profile
Tested By:	MC160403912

Test Case Id	5
Test Case Title	Submit Form
Pre-condition	Student login to the application
Actions	1) Student enter his/her all academic and personal details 2) After entering all details student click the submit button Student admission form along with his/her all details is submitted successfully
Expected Result	Student Admission Form Submitted Successfully
Tested By:	MC160403912

