

Project Title Here

CS262- Final Project Requirement Document



Project Supervisor
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Project Members(Group Id Here)

Member 1 Name

Member 1 Registration No.

Member 2 Name

Member 2 Registration No.

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Project Description:

This section contains the comprehensive description of the project(minimum 800 words). The description should be written in your own words and should not be plagiarized from any source.

Project Features:

In this section, write down the project features clearly. These are the features that will be available to the customer of your project directly.

Technology Stack:

Language(C#/Java)	
Platform(Web/Desktop)	
Frontend Technology(Simple HTML/Bootstrap/any other library)	
IDEs	List the IDEs here that you will use for development

Project Actors:

In this sections, write the name of actors and brief description, who will be using the system.

Use Cases:

All the use cases should be written in the following format. The name of use should be start with a word e.g. Add Student. It should not be as Student/ Student Add. Add Student is separate use case and Edit Student is separate use case:

Use Case 1(Write the name of the use case):

Use Case ID	U01
Name	
Actor	
Description	Brief description of the use case. With at least 50 words.
Layout in pencil tool	
Validators	Add here the name of validators that will be applied on this page

User Interface Details

In this section, fill the table for summary that which use case will have the required component. Inside each box, write the counts for each component. If component is not used, write zero.

[illegible]

Classes:

In this section, we do not require detailed design diagram. But identify the tentative classes with the requirement that you should have at least 10 domain classes and 5 software classes, 3 abstract classes, 2 singleton classes. Fill the following table for details. Note that class name should follow naming conventions

Class Name	Software/ Domain	Is Abstract (Yes/No)	Is Singleton (Yes/No)	Is the class will has parametrized constructor(Yes/No)

ER Design:

One to One Relationship

Add UML diagram of each example(at least three).

Many to Many Relationship:

At least 2 examples with UML diagrams.

One to Many Relationship

10 examples with UML diagrams

Multi-Level Inheritance:

Two examples with UML diagrams

Weak Entities:

At least 3 examples with UML diagram

Strong Relationship:

At least 2 examples with UML diagram

Multivalued Attributes:

At least 3 examples with UML diagram

Computed Attributes:

At least 5 examples with UML diagram

Complex Attributes:

At least 5 examples with UML diagram

Transactions

Views

Stored Procedures

Triggers

Indexes

Exceptions:

In this sections, identify at high level which type of exceptions you can face in your code and what are the solutions. Add more rows in the table as per requirements.

[illegible]

Project Plan

This section should include the implementation plan and work division among the members. All the estimated dates should be before June 15, 2021

Use Case Id	Use Case Name	Member Name	Estimated Completion Date