INFORMATION SYSTEM DESIGN AND SOFTWARE ENGINEERING LAB

PRIMARY PROPOSAL PRESENTATION

Teacher-Student Collaboration System

SUBMITTED BY

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Reason of Selection Project:

1. Reducing Communication Gap:

Because of being analog until now, students and teachers have a huge communication gap. This project will help to reduce the gap.

2. Dynamic Share:

This project will help to create a platform to share information between teachers and students dynamically. Neither teacher nor students need not meet physically to share any information/ material.

3. Time Consuming:

Nowadays, to share some information/materials face to face or to inform some notice to the students takes too much time. But this project will help to consume time and rearranging the hotchpotch things.

Projects Goals /Targets:

1. Develop Teacher-Student Relationship:

This project will shorten the distance between teachers and the students and digitalize the analog process of education.

2. Covers The All Demands Of User/Buyers:

We will develop this software in such a way which will fulfill all the primary demands of the user so that it can be usable instantly till the next modified update.

3. Develop Efficiently:

With easy but standard user interface we will try to develop this software in an efficient way so that this software can run with minimum system requirements.

4. Marketing:

After developing we need a proper scope or chance to sell this software to the buyer. Proper advertisement is necessary to spread out among the buyers.

Project Feasibilities:

1. Technical:

It is possible to develop the system using the current technical resources :

a. .NET Framework

- To provide a consistent object-oriented programming environment
- To provide a code-execution environment that minimizes software deploying and versioning conflicts
- To provide CLR that comes up for solving memory management, thread management etc.

b. No need to hire additional programmers, testers or experts.

c. MySQL

        - Data security, High performance

        - Consistent modification of data

        - Complete Workflow control

So, we can say that this project is technically feasible.

2. Economical:

We have huge possibilities to make it successful economically because of fastest growing computerized sector everywhere & demand. Economically it will be profitable. Resources used here mostly are free. But initially

- It includes cost of programmers

- Cost of studying the full scenario

- Cost of ISP & server

- Other costs like: electricity bill, transportation etc.
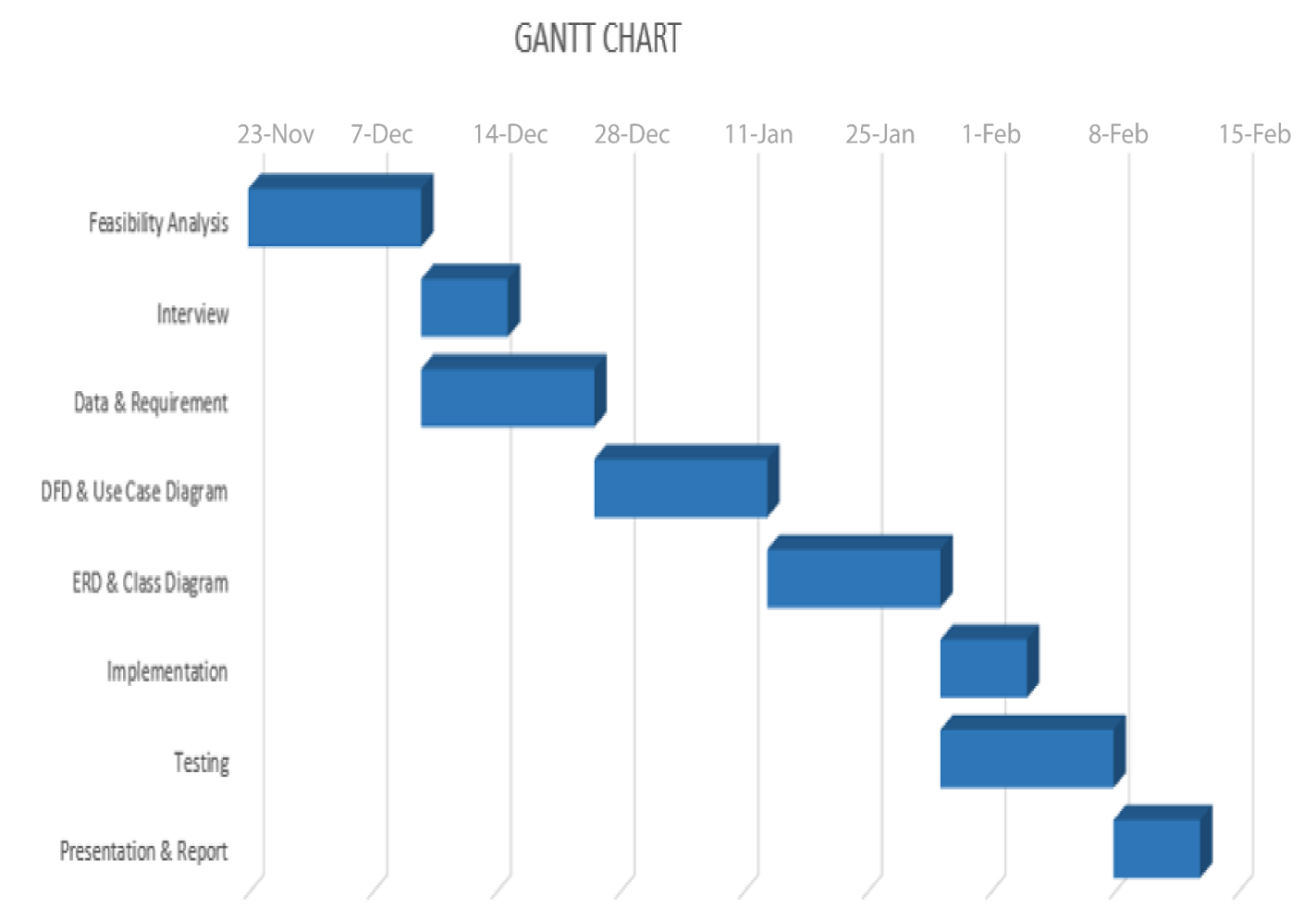
3. Operational:

We will try to develop a 100% fully functional & operational software. But if any bug/error will arise while using, we may introduce user care system for the quick maintenance. As it is reducing time so user will welcome it for their interest. We will provide fast & reliable server. Services are flexible and expandable. We will increase the overall response. Support & user involvement will also be included.

Project Scheduling:

Description	Activity	Predecessor	Duration (week)
Feasibility Analysis	A	None	2
Interview	B	A	1
Data & Requirement	C	A	2
DFD & Use case	D	B,C	2
ERD & Class Diagrams	E	D	2
Implementation	F	E	1
Testing & Debugging	G	E	2
Presentation & Report	H	G	1
Total			11

Gantt Chart:

GANTT CHART

	23-Nov	7-Dec	14-Dec	28-Dec	11-Jan	25-Jan	1-Feb	8-Feb	15-Feb
Feasibility Analysis	████								
Interview		██							
Data & Requirement		████							
DFD & Use Case Diagram				████					
ERD & Class Diagram					████				
Implementation						██			
Testing							████		
Presentation & Report								██	

Risk Analysis:

➢ Server failure

➢ Unforeseen bug and crush report

➢ Schedule overruns

➢ Market competition

Conclusion:

At the end we can say its all about solving the problems of communication between teachers and students. With its dynamic process hope we can deport sharing problems. So all the sides can get complication free information gathering way.