Project Plan

for

Point of Sale

DISTRIBUTION

Group L

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Overview

- The motivation for this project is Convert the manual store system to Automatic software

- Our customer is Riphah International University

- It will cost USD $ 100.

- It will take 4 months.

- No organization is involved with our project.

- No other projects depend on the project result.

- Java and Web are the other projects contribute with their results.

GOALS AND SCOPE

PROJECT GOALS

- *Functional goals*
- Store Items, Display items, Search item, delete item, Update item Login, Add Employee, Create Bills, Search Bills.
- *Business goals (e.g.: time-to-market, cost)*
- *Quality goals*
- *Other goals, e.g.: usability, portability, etc. (these goals, and what is specifically expected, should be clearly specified in the Project Requirements Specification)*
- Portability is one of the goal
- *Constraints (e.g.: environmental constraints, application specific standards, national standards, cultural relationships, etc.)*
- Java Desktop GUI Application and Web Application

Prioritize the project goals:

Functional, business, and quality goals should be prioritized at least.

Project Goal	Priority	Comment/Description/Reference
Functional Goals:		For details see the Project Requirements Specification **Error! Reference source not found.**
Store Items	1	User can Add items in to the item list.
Display Items, Search, Delete, Update items	2	Display list of all items stored in list. User can Search, Delete items in to the item list.
Login Portal	3	Username and password required to login the system.

Project Goal	Priority	Comment/Description/Reference
Sale items	4	We will be able to sale items to customers
Create Bills	5	After selling items bill creates automatic
Show Bills	5	Display list of all bills
Search Bills	6	Search specific bill
Add Employee	7	Add more employee
Business Goals:		
Non-Functional Goals:		
Efficiency		The calculation should be accurate.
Quality Goals:	2	
Efficiency		The calculations should be correct and efficient.
Constraints:		
Not applicable		

1.1 PROJECT SCOPE.

Included:

We will deliver a working software of Point of Sale that will replace hand written management of product management.

Excluded:

We will not deliver the management of the employee salary.

PROJECT TEAM

Organization: Name	Availability	Comment
Qasim Raheem	1 day per week	Project manager and Lead Developer
Tahseen Mashaidi	5 hours per day	Coding
Saad Imran	30 min per week	Testing

2. SCHEDULE AND BUDGET

2.1 WORK BREAKDOWN STRUCTURE

We break our project in to three sub projects to develop our project with ease,

Those sub projects are:

- Java desktop Application

- Web based application

- Backend server in Golang to manage our database with MongoDB.

2.2 SCHEDULE AND MILESTONES

Milestones	Description	Planned Date
M1	**Requirement**	**Done**
	We have completed our requirement session	
M2	**Planning**	**Done**
	We will plan	
M3	**Analyzing Project**	
	We will analyze our gathered requirement and planned documentations.	
M4	**Designing and Flow of Data structures**	**<2018-04-30>**
	We should Design the use case, Flow diagrams and graphic user interface(GUI).	
M5	**Implementation**	**<2018-05-02>**
	We should implement our program	
M6	**Execution and testing**	**<2018-05-..>**
	We must execute and test our code and project.	
M7	**Project deliver and feedback**	**<2018-05-..>**
	We must deliver our project and will gather feedback.	
M8	**Close Project**	<2018-04-..>

2.3 BUDGET

Category	Budget for Period in USA $					
	M0-M1	M1-M2	M2-M3	M3-M4	M4-M5	M5-M6
Human Resources (internal)	100					
Human Resources (external)	0					
Equipment	0					
Tools	0					
Travel costs	100					
Other	0					
Total	200					
Total cumulated						

3. DEVELOPMENT PROCESS

We must use Scrum Methodology to complete this project, se will be able to check our daily progress and implement the remaining work to next scrum loop.

4. RISK MANAGEMENT

- If tester run during the project so we will divide testing module among us.

5. DELIVERY PLAN

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Ident.	Deliverable	Planned Date	Receiver
D1	Complete project	2018-05-27	Sir Hasnain, Adeel Zafer, Zeeshan