Department of Networking and Communications

SRM IST, Kattankulathur – 603 203

Course Code: 18CSC206J

Course Name: Software Engineering and Project Management

Experiment No	1
Title of Experiment	To identify the Software Project, Create Business Case, Arrive at a Problem Statement
Name of the candidate	**Abhijay Rajvansh**
Team Members	**Preet Kumar** **Arushi Gupta** **Abhijay Rajvansh**
Register Number	RA2011003010379 RA2011003010392 RA2011003010398
Date of Experiment	8 / 03 / 2022

Mark Split Up

S.No	Description	Maximum Mark	Mark Obtained
1	Exercise	5	
2	Viva	5	
	Total	**10**	

Staff Signature with date

Aim

To Frame a project team, analyze and identify a Software project. To create a business case and Arrive at a Problem Statement for the **"Project Time".**

Team Members:

S. No	Register No	Name	Role
1	RA2011003010398	Abhijay Rajvansh	Lead/Rep
2	RA2011003010379	Preet Kumar	Member
3	RA2011003010392	Arushi Gupta	Member

Project Title: Project Time

Project Description:

A student's life is always full of academic pressure, project deadlines, unable to manage their expenditures and time management. So we came up with the one-stop solution to all the problems which will benefit the students & the user by providing them the real-time data of their daily usage workload & routine. This project can ensure that your money is used wisely.

How we started "Project Time" ?

- We started it as most of the people we came across including ourselves had the same set of problems that they weren't aware on how to plan their things, how to manage budget, which courses to buy, where to order food, how to manage attendance & task scheduling for daily usage as well as for academics.

- To build a software of this scale we'll need to have plenty of research and a good enough knowledge of the following tech stack:

- MERN development for server and admin dashboard.
- Flutter & React Native for iOS & Android app development.
- Cross Platform Environment

ONE PAGE BUSINESS CASE TEMPLATE

DATE	12th March 2022		
SUBMITTED BY	Abhijay Rajvansh	Preet Kumar	Arushi Gupta
TITLE / ROLE	Team Leader	Team Member	Team Member

PROJECT **"TIME"**

THE PROJECT:

In bullet points, describe the problem this project aims to solve or the opportunity it aims to develop.

- Expense tracking system - To track all your expenses.
- Storing credit & debit cards virtually - To prevent loss & theft.
- Cost effective courses available - Online/Offline best courses in a sorted way.
- Academic details - Regular student portal in your pocket 24/7.
- Food ordering & dining system - For ordering food online while maintaining SOP.

THE HISTORY:

In bullet points, describe the current situation

- .Students visit overrated websites & spend tons of money due to lack of information.
- Everything can be found on the Internet but with a touch of personal expense it can make the rendezvous even better.
- Project Time will have a collection of vast data which includes food ordering, virtual data saver, Student portal & online-offline courses available which will help the students.

LIMITATIONS:

List what could prevent the success of the project, such as the need for expensive equipment, bad weather, lack of special training, etc.

- Bad Internet / weak network
- Lack of training (for dealers)
- Expensive database cloud storage
- Unstable update from the host

APPROACH:

List what is needed to complete the project.

- Collection of several data
- MERN Stack development style & Server Development
- Cross Platform app for Android & iOS using Flutter & React Native
- Database Management
- Beta Testing & debugging software
- Final product release

BENEFITS:

In bullet points, list the benefits that this project will bring to the organization.

- Trusted sources with honest opinions on various courses.
- Budget friendly tips & feedback.
- Academics manager.
- Food ordering system will save time and money and more importantly it will help maintain SOP.

Result

Thus, the project team formed, the project is described, the business case was prepared and the problem statement was arrived.