

Name: Group A 20

Student Reference Number: Plymouth Batch 11

Module Code: PUSL 2021

Module Name: Computing Group Project

Coursework Title: Project Proposal – Computing Group Project

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Member of staff responsible for coursework:

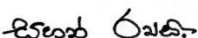
Programme: BSc (Honours) Software Engineering

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Group work: please list all names of all participants formally associated with this work and state whether the work was undertaken alone or as part of a team. Please note you may be required to identify individual responsibility for component parts.

ID	Name	Responsibility
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10898702	W.P.M.B Wickramaarachchi	Planning Leader
10898626	P.M.K.M Ranasinghe	Technical Leader
10898704	S.G Wickramarachchi	Programming Leader
10898464	G.K.D.T Gajanayake	Quality Leader
10898446	K.M.S Dias	Testing and Maintenance Leader

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Signed on behalf of the group: 

Individual assignment: ***I confirm that I have read and understood the Plymouth University regulations relating to Assessment Offences and that I am aware of the possible penalties for any breach of these regulations. I confirm that this is my own independent work.***

Signed :

Use of translation software: failure to declare that translation software or a similar writing aid has been used will be treated as an assessment offence.

We have not used translation software.

Overall mark _____ % Assessors Initials _____ Date _____



**UNIVERSITY OF
PLYMOUTH**

PUSL 2021

Computing Group Project

Module Lecturer: Mr. Pramudya Thilakarathne

Project Proposal

Finance Management Application

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Financial Management Application

Introduction

Due to the current situation most people struggle to survive because of rapid increase of living expenses.

According to the fact that our team came up with a Finance management application.

Considering the existing situation in the world, it is important to have a tool that can help people to take control of their finances and make necessary decisions about their money. Our finance management application offers range of features that are related to the specific needs of individuals, helping them to effectively manage their expenses and stay financially stable. Our finance management application is specifically designed to give assistance to individuals in Sri Lanka in managing their expenses during economic crises. Therefore, our team strongly believes that it is crucial to have a tool that helps people to navigate through difficult situations.

Our application provides various features to help manage users' expenses effectively. Users can easily track their income and expenses, categorize them, and analyse how money is consumed. This will pave the way to identify categories where users can cut back and save money. Consequently, this will help users to stay financially stable.

Proposed Financial Management application facilitates users to set financial goals and create a plan to achieve them. It allows categorize their expenses monthly. Users can allocate their income across different categories, such as Food and Drinks, Health, Bill Expenses, Transport, Shopping, Insurances, Entertainment, Maintenances, Education and User customize category.

In addition, our team will try to build more user friendly and very simple graphical user interfaces for the application. It allows users to create an account and set up their financial profile. The application ensures data security and privacy protection. Furthermore, this application has cross-platform compatibility.

The project's core benefits are financial awareness, budget control, strategically managing finance and data-driven decision-making all of which contribute to enhance financial well-being.

Objectives

- To track and categorize expenses for those who want to manage their financials.
- To guide people to balance their income and expenses.
- Enabling people to allocate and arrange their finances more effectively.
- To help individuals to identify cost saving ways for their day-to-day expenses.
- Reducing people's economic hardship via good financial management.

Target Users

- People who want to track and categorize their expenses and make financial decisions based on clear and organized overview of their financial situation.

Application Features

Sign Up: Signup should be done by providing the required data to the system.

User Login/ Logout: It allows the user to log in and log out from the app.

Expenses Tracking: In this feature Food, Health, Bill Management, Transport, Shopping, Insurances, Entertainment, Maintenances and Other expense tracking categories that allow users to categorize related expenses and ability to get an overview of each financial cost.

Income Tracking: Users can enter their various incomes and get an accurate idea about their financial status.

Notification Reminder: The app provides reminders as messages and detailed charts to help users achieve their financial goals.

Budget analysis by category: This feature gives a thorough breakdown of spending by category, helping users to find areas where they may cut less or save more.

GUI Customization: Here are some options for the user to change the appearance of the application.

Time Frame – Gantt Chart

