RISK ASSESMENT AND

IDENTIFICATION

DOCUMENT

Table of Contents

1. Introduction:

We live in a world where nothing is secure nor anything could be kept for eternal. Similarly we as a developer and coder also has to be ready for any kind of situations. Our whole documentation or code must be secured from the possiblities of loss or damage.

2. Aims and objectives:

The main aim of this project is to give security to whole document and code file which could occur from natural calamities which could result in the loss of work.

The main objective of this report are listed below:

1. Maintain professional level of documentation and secure coding folder by uploading it in google drive or github.

3. Project risks and contingency plans:

I am not new to flutter, dart, or app development, since I am doing my internship in a flutter, but I have never made an app completely on myself which is as ready as to be pushed to an app/play store. This makes me think of risks and threats which can arise while on the way to building this app. Without pain there's no gain, similarly building this app, by tackling those bugs, errors, and problems I would be making my problem-solving skills and analytical thinking strong. For project risks, threats along with contingency plans, below is a brief table.

S.N.	Risks and threats	Probability	Contingency
1	Unable to learn Laravel for the backend to perfection.	Medium	I have already learned PHP and if I feel comfortable, then I have my friends who have done internships on Laravel, if face any problem I would ask for help.
2	Unable to create and implement a database using SQL.	Low	Since I have been learning databases from 1st year so, doing online research and trying out myself would help.
3	Not able to create the best user interface for a better user experience.	Low	I have been coding in flutter already for 3 months, so using Adobe XD would help to build better UI/UX.
4	Unable to deal with long lines of code, might misplace or lose whole build code file.	Low	I have been using git since 2020, so I would continuously commit my codes and keep it up to date.
5	Laziness to work hard and put effort into the FYP module.	Medium	I will print out my Gantt chart and paste it in front of my study table, to realize my goals and remind my dreams.
6	Unable to deal with bugs and errors.	Medium	I would go to StackOverflow for bugs and try to fix errors, ask seniors and supervisors about bugs, and fix it.

7	Unable to carry out good researches due to load-shedding and slow internet.	High	Talk to ISP and fix problems, also try to get another power source, like solar or inverter for a router.
8	Fail to meet a weekly deadline or finish works according to the Gantt chart.	Medium	Work at least 3-4 hours daily on FYP modules, frequently ask for feedback and suggestions from friends and supervisors.
9	Unable to bear pressure while facing bugs and being not able to perform with Gantt chart.	High	Talk with friends, how they are handling pressure, and ask for mentorship from the supervisor.

Table 1 Projects' risks, threats, and Contingencies.

4. Legal, social and ethical issues:

4.1. Legal issues:

Legal issues are concerns or a situation of breakage of law made by government which may sometime need the help of a lawyer to sort out is know as legal issues (Solicitors Regulation Authority, 2021). The project, PT does not violate any laws that would result in legal action. All the resources, tools, framework and essential concepts to build the project are available online. The information provided by the user is only their name and email address which would be safe and secure because it's in my hands (just kidding).

4.2. Social issues:

Social issue is an implication which arise when there's something that has negative consequnces for other human beings, which might be on the basis of their caste, culture, living habitat, educationl differences, own's perspective on matters and many more.

The PT has nothing to do with any of the social issue instead it's an students app that helps them to find the solution to their problem. PT could be used by any human being irrespective of their age or background.

4.3. Ethical issues:

Ethical issues arise when a though of someone or a given decision or activity creates a conflict with a society's moral principles (MyAccountingCourse, 2022). The project doesn't hurt anyones' sentiments nor their beliefs. PT is an open free application which could be used by anyone. The codes and techniques used are free and available online.