Project Title (A separate page)

# Team Composition (on Title page)

Names and roll numbers of all group members are mandatory

Also write your group’s name

# Abstract

Describe your project with minimum words. Also describe what is in this document. Provide as few words as possible.

Table of Contents

[Team Composition (on Title page) 1](#_Toc68113341)

[Abstract 2](#_Toc68113342)

[1. Introduction and Background 4](#_Toc68113343)

[2. Problem Statement 4](#_Toc68113344)

[3. Objective(s)/Target(s) 4](#_Toc68113345)

[4. List of Features 4](#_Toc68113346)

[5. Completeness Criteria 4](#_Toc68113347)

[6. Challenges 4](#_Toc68113348)

[7. Knowledge Areas Required 4](#_Toc68113349)

[8. Learning Outcomes 4](#_Toc68113350)

[9. Nature of End Product 4](#_Toc68113351)

[10. Initial Literature Survey 5](#_Toc68113352)

[11. Miscellaneous 5](#_Toc68113353)

[References 5](#_Toc68113354)

# Introduction and Background

Provide context and initial knowledge of domain, i.e. give background knowledge required to understand and complete this project. Identify similar work by others and include here. Also identify significance of the project and mention here.

# Problem Statement

Which problem does this project solve?

# Objective(s)/Target(s)

What do you want to achieve in this project?

# List of Features

Provide a list/description of features that will be provided to the users by this software application

# Completeness Criteria

When should your project be considered complete? What is the minimum that your project should do?

# Challenges

List the CS related difficult tasks that may be considered a barrier in timely completion of the project. Some examples of the challenges include: understanding existing solutions, understanding others’ research in this areas, integrating the technologies involved etc.

# Knowledge Areas Required

Which areas of your BS degree are expected to be used during development of this project for example HCI, web application development, mobile application development etc. Only list the areas

# Learning Outcomes

What would you have learnt new after completing development of this project? For example outcomes could be becoming expert programmer in JAVA, becoming master of a certain API, becoming familiar with XML, get good understanding of requirements engineering process, becoming a domain expert etc.

# Nature of End Product

State whether your end product will be a simple program, a framework, an API, an engine, a web based application, a mobile application etc.

# Software Process Model

Select the most appropriate (exactly one) software process model that you think shall be followed by your group to complete this project. Provide the rationale behind your choice. Do not write names of multiple models.

# Initial Literature Survey

Provide a comprehensive study on similar work and projects. Show your understanding of domain and relevant systems/research. Show how is your project different from others’ existing project/application.

# Miscellaneous

Provide any other information that you feel is necessary but could not be provided in any other section.

# References

Refer the literature