**Final Year Project Proposal**



**Project**

**“A novel app for online readers and writers”**

### Project supervisor Mr. Ameer Chand

Submitted to

Faculty of computer science

&

Information technology University of Gujrat

In Partial Fulfillment of

The requirements for the degree of

Bachelors of Information Technology **Submitted by:**

|  |  |  |
| --- | --- | --- |
| **Serial no** | **Student Name** | **Roll No** |
| **1** | **Syeda Afsheen Zohra** | **17631556-019** |
| 2 | Mahnoor Akhlaq | 17631556-008 |
| 3 | Tahira Sattar | 17631556-024 |

### APPROVAL

I Mr. Ameer Chand am willing to guide these students in all phases of project titled “A novel app for online readers and writers” as advisor. I have carefully seen the title and description of the project and believe that it is of an appropriate difficulty level for the number of students named above.

Date Signature of Advisor

Submission Date**:**

**TABLE OF CONTENTS**

**FINAL YEAR PROJECT PROPOSAL**  **APPROVAL**

[1.1.INTRODUCTION: 1](#_Toc11862)

[1.2.PROJECT TITLE: 1](#_Toc11863)

[1.3. PROJECT OVERVIEW STATEMENT: 1](#_Toc11864)

[1.4. PROJECT GOALS & OBJECTIVES: 3](#_Toc11865)

[1.5. HIGH-LEVEL SYSTEM COMPONENTS: 3](#_Toc11866)

[1.6. LIST OF OPTIONAL FUNCTIONAL UNITS: 4](#_Toc11867)

[1.7. GANTT CHART: 5](#_Toc11868)

[1.8. APPLICATION ARCHITECTURE: 5](#_Toc11869)

[1.9. HARDWARE AND SOFTWARE SPECIFICATION: 6](#_Toc11870)

[1.10. TOOLS AND TECHNOLOGIES USED: 6](#_Toc11871)

**LIST OF TABLE**

**TABLE 1: PROJECT OVERVIEW STATEMENT ................................................... 1**

**LIST OF FIGURES**

**FIGURE 1: GANTT CHART OF PROJECT ............................................................ 5**

**FIGURE 2: DIAGRAMMATIC VIEW OF PROJECT FROM READER POINT OF VIEW ………………………………………………………………………………....5**

**FIGURE 2: DIAGRAMMATIC VIEW OF PROJECT FROM WRITER POINT OF VIEW ………………………………………………………………………………....6**

# 1.1. Introduction:

This project is basically developed for online novel readers and writers. All necessary facilities were not available to the users on one platform, our android app provides all the functionalities. Our android app gives the opportunity to readers that they can read the novel with different categories by using credit points. These points are given to readers by either watching advertisement ads or they can buy these credit points. Another main functionality of our app is that it provides an opportunity to writers that they can upload their work on this app. Thus this app can become a source of income for them. Reader can search their favourite novel or they can find novel of their taste through different categories. . Writer can track how many credit point he gained through his novel. This is a complete reader and writer friendly app which is easy to use while providing complete privacy & security.

# 2. Project Title:

A novel app for online readers and writers.

## Project Overview statement:

We have made multiple milestones to achieve our final goal. Following tables shows the overview of our project and the milestones which will be achieved for getting to the goal:

**Table 1: Project Overview Statement**

|  |
| --- |
| **Project Title:**  A novel app for online readers and writers |
| **Project Manager**: Mr. Ameer Chand |
| **Project Members:**   |  |  |  |  | | --- | --- | --- | --- | | Name | Registration # | Email Address | Signature | | Syeda Afsheen Zohra | 17631556-019 | afsheenzohra1@gmail.com |  | | Mahnoor Akhlaq | 17631556-008 | imanakhlaq@gmail.com |  | | Tahira Sattar | 17631556-024 | tahira27198@gmail.com |  | |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Project Goal:**   |  |  | | --- | --- | | 1 | Online reading and writing | | 2 | Income source | | 3 | Increases the security of user accounts | | 4 | Reliable | | 5 | Customer Support | |
| **Objectives:**   |  |  | | --- | --- | | 1 | Store data into database. | | 2 | Provide different categories of novels. | | 3 | Availability | | 4 | Keep user information about payment safe | | 5 | Maintain the record of reader | | 6 | To keep the novels updated timely | | 7 | Privacy for users | | 8 | Maintain the record of writer | |
| **Project Success criteria:**   * An app for online readers and writers * Customer satisfaction (reading and writing) * Highly responsive |
| **Assumptions:**   * Availability of server 24/7 * Customer support available * Backup for everything in case of sudden loss **Obstacles:** * Workload during semester due to other courses **Risks:** * server Failure * Database * Major novel updating |
| **Organization Address (if any):**  IT Department Government Postgraduate college Jhelum. |
| Type of project: Research Development |
| Target End users:  Online readers and writers |
| Development Technology:  Structured  Object Oriented |
| Platform: Web based Distributed  Desktop based Setup Configurations  Other\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Approved By: Mr Ameer Chand |
| Date: October 2, 2020 |

## Project Goals & Objectives:

**The proposed system will have these major goals:**

* Online reading and writing
* Income source
* Increases the security of user accounts
* Reliable
* Customer Support

**The proposed system will have these major objectives:**

* Store data into database.
* Keep user information about payment safe
* Availability
* Provide different categories of novels.
* To keep the novels updated timely
* Keeping the record of how many credit point have been used by readers
* Maintain the record of buying the credit points by readers
* Maintain the record of payment for the writers

## High-level system components:

The main modules of the app “” are given below:

* Reader account o Registration
  + Profile setup
  + Change password
  + Sign up
  + Logout o Login
  + View novel categories
  + View novel details
  + Search option
  + Novel bought by users
  + Credit point gained by user after watching ads
  + Buy credit point
  + Credit point used
  + Feedback /comment
* Writer account o Registration
  + Profile setup
  + Change password
  + Sign up
  + Logout o Login
  + Write novel description and summary
  + Write novel
  + Credit point gained through novels
  + Credit point converted into cash
  + Feedback
* Credit point management o Through ads o Through cash
* Manage novels
* Manage the use of credit point
* Manage payment

## List of optional functional units:

Following is the list of functional units of project:

* **Performance:**

System performance rate should be high and quick response at request. System should be responsive.

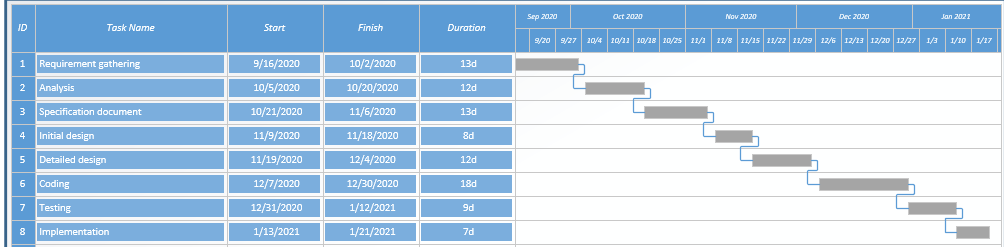
* **Usability:**

Associated color combination will be use in app. User should be able to visualize font size and colors easily. Speed ease and error free processing. If user stuck off in any situation at that time documentation is helpful to understand and recover.

* **Interface:**

GUI or user convenient interface.

## Gantt chart:



**Figure 1: Gantt Chart of project**

## Application Architecture:

The diagrammatic views of project are given below:

Reade

login

Sign up

Reader

Reader

View the main page

Read the novel

Manage credit points

Views novel details

Manage profile

Through Ads

Category

Name

Through Premium

Credit points

Novel Name

Password

Email

**Figure 2: Diagrammatic view of project from Reader point of view**

Reade

login

Sign up

Writer

View the main page

write the novel

Use credit points

Write novel detail

Manage profile

Category

Name

Convert points into cash

Novel Name

Password

Email

description

summary

**Figure 3: Diagrammatic view of project from writer point of view**

## Hardware and Software Specification:

Hardware and Software Specification are as follows:

**Hardware specifications:**

* Ram (512mb or above)
* Hard disk drive (20gb or above)
* Processor (pentium 1or above)

**Software specifications:**

* Operating system (window 7/ 8/ 10)

• Other software (Android)

• Database (SQLite/firebase)

• Emulator(Genymotion /device emulator/physical emulator)

## Tools and technologies used:

Tools and technologies are as follows:

**Tools**

* Android studio
* Adobe illustrator
* Adobe photoshop
* Xamp
* Microsoft visio

**Technology**

* Sun technology

**Database**

* sql