

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:

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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: _____

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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.

1.2. Project Title:

A novel app for online readers and writers.

1.3. 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
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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
- Workload during semester due to other courses
- server Failure
- Database
- Major novel updating

Organization Address (if any):

IT Department Government Postgraduate college Jhelum.

Type of project:	<input type="checkbox"/> Research <input checked="" type="checkbox"/> Development
Target End users:	Online readers and writers
Development Technology:	<input checked="" type="checkbox"/> Structured <input type="checkbox"/> Object Oriented
Platform:	<input type="checkbox"/> Web based <input type="checkbox"/> Distributed <input checked="" type="checkbox"/> Desktop based <input type="checkbox"/> Setup Configurations <input type="checkbox"/> Other _____
Approved By:	Mr Ameer Chand
Date:	October 2, 2020

1.4. 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

1.5. High-level system components:

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

- Reader account ○ Registration
 - ✦ Profile setup
 - ✦ Change password
 - ✦ Sign up
 - ✦ Logout ○ 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 ○ Registration
 - ✦ Profile setup
 - ✦ Change password
 - ✦ Sign up
 - ✦ Logout ○ Login
 - ✦ Write novel description and summary
 - ✦ Write novel
 - ✦ Credit point gained through novels
 - ✦ Credit point converted into cash
 - ✦ Feedback
- Credit point management ○ Through ads ○ Through cash
- Manage novels
- Manage the use of credit point
- Manage payment

1.6. 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.

1.7. Gantt chart:

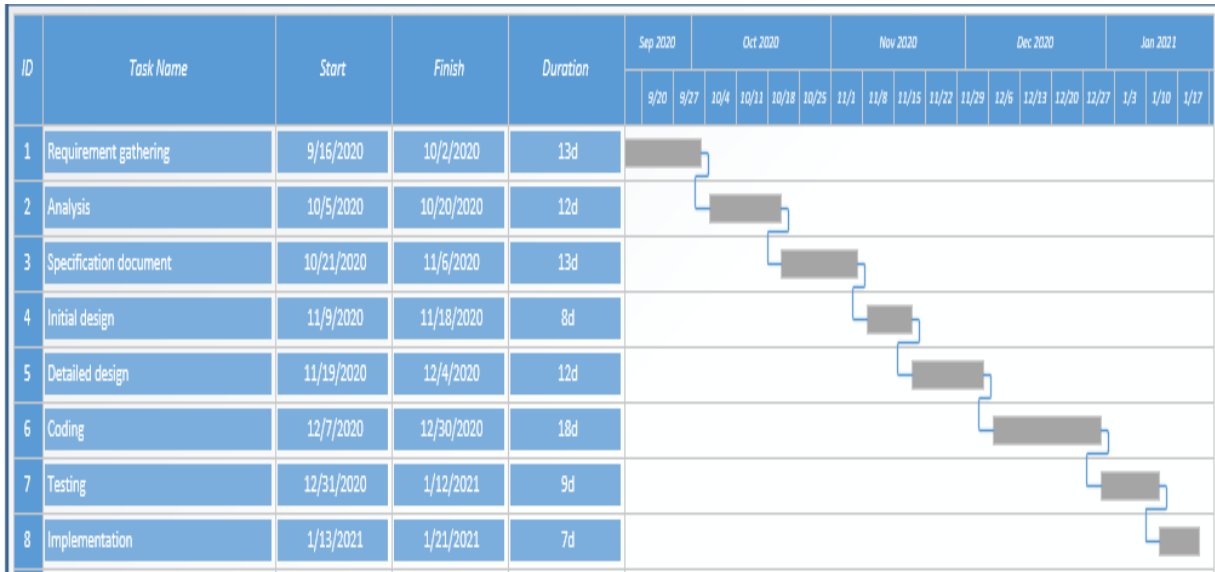


Figure 1: Gantt Chart of project

1.8. Application Architecture:

The diagrammatic views of project are given below:

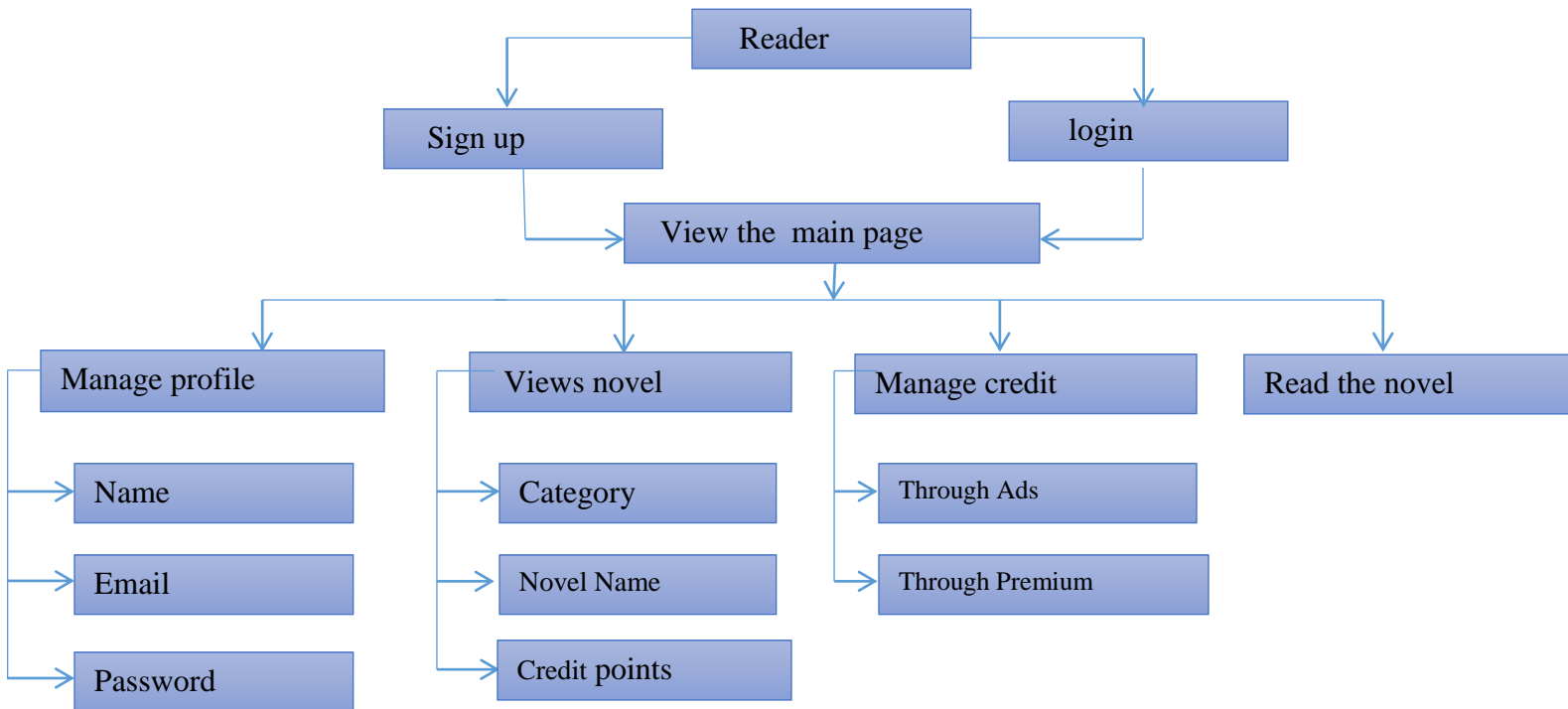


Figure 2: Diagrammatic view of project from Reader point of view

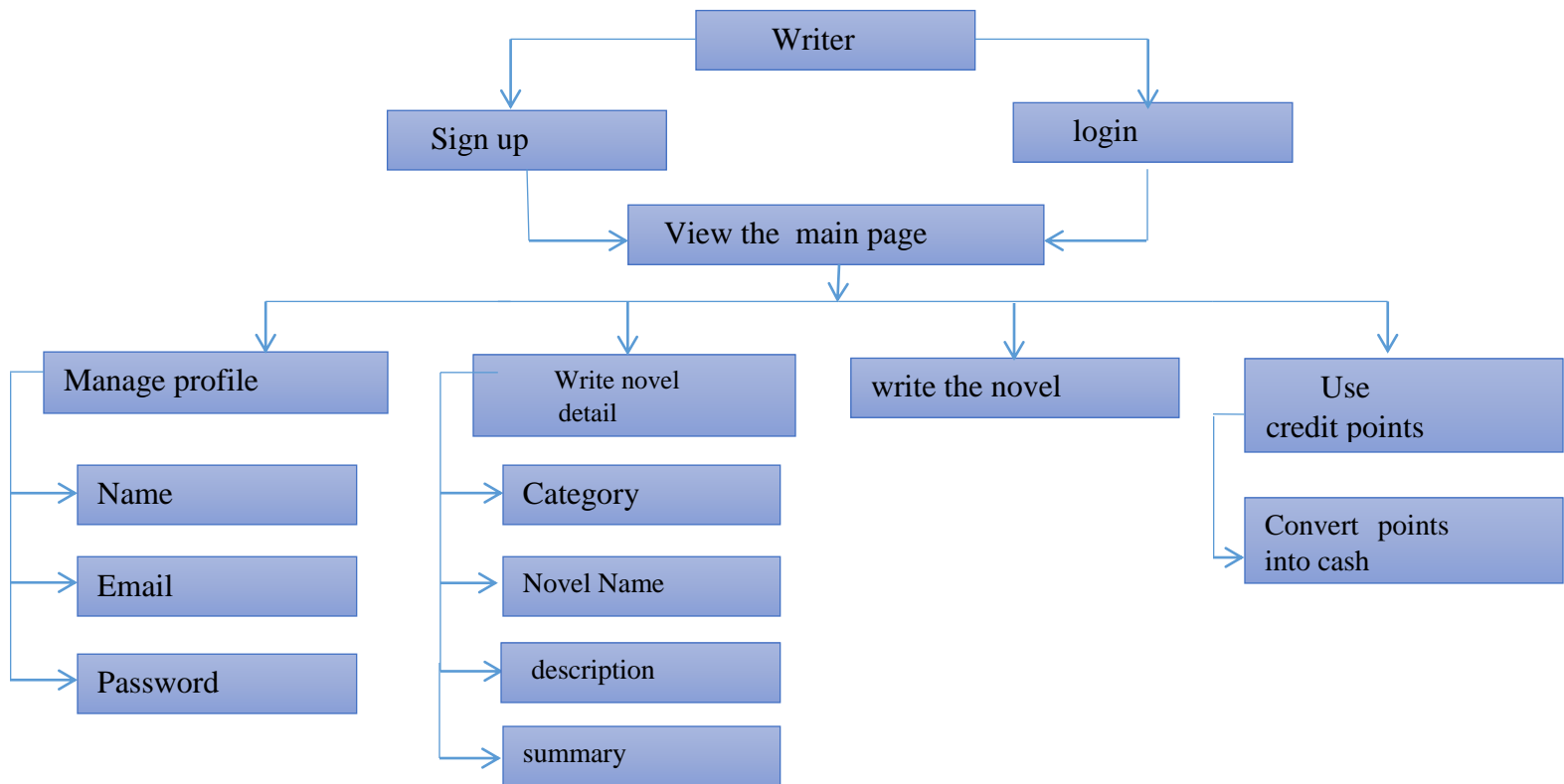


Figure 3: Diagrammatic view of project from writer point of view

1.9. 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)

1.10. 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