

Software Requirement Specification

for

Notelog

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Contents:

1	INTRODUCTION	3
1.1	Purpose	3
1.2	Definition.....	3
1.3	Overview	3
2	OVERALL DESCRIPTION	4
2.1	Product perspective	3
2.1.1	System interfaces	3
2.1.2	User interfaces.....	3
2.1.3	Hardware interfaces	
2.1.4	Communications interfaces.....	4
2.2	Product functions	4
2.3	Constraints	5
2.4	Assumptions & dependencies	5
3	DIAGRAMS	6
3.1	Use Case	6
3.2	Activity Diagram	6
i	User Login.....	7
ii	Create	8
iii	Edit	9
iv	Delete	10
3.3	Deployment Diagram	11

1. INTRODUCTION

1.1 Purpose

This document specifies all the requirements for the Notelog web application. These requirements relate to the functionality, constraints, performance, attribute and the system interface.

Notelog will have an easy to use interface connected directly to a central server. On the server, users can create notes using date and time that can be accessed from any device by logging on to one's account. It will have create, delete and edit operations for the notes.

1.2 Definitions

Log in- allows users to access their account.

Sign Up- allows users to create an account.

Create- create a new note.

Delete- remove an existing note.

Edit- modify an existing note.

View- to display the note.

Save- to store the created/modified note.

Share- send notes to others.

1.3 Overview

The rest of this document describes the system requirements for the Notelog.

2. OVERALL DESCRIPTIONS

2.1 Product perspective

People need a device independent way of saving notes or thoughts. Hence this web application will allow users to save their notes and access them from any device with internet connection.

2.1.1 System interfaces

Notelog web application integrates two internal systems to provide functionality:

Client: Notelog has an interface to the user's client to receive user input.

Network: Notelog has an interface to the network in order to transmit information.

It uses servlets, Java language and servers to interact with users. Depending on the web browser some features may or may not be affected.

2.1.2 User interfaces

Notelog includes several web pages, one for log in, one for sign up, one for viewing the list of notes, etc. It integrates all these web pages into one web application. It will utilize HTML, CSS, JS to make a frontend which will be user friendly and easy to use.

2.1.3 Hardware interfaces

It can be accessed through any device which has internet connection and web browser.

2.1.4 Communications interfaces

Communication between the clients is facilitated by HTTP protocol.

2.2 Product functions

- 1 Log in
- 2 Sign Up.
- 3 Create

- 4 Delete
- 5 Edit
- 6 View
- 7 Save
- 8 Share

2.3 Constraints

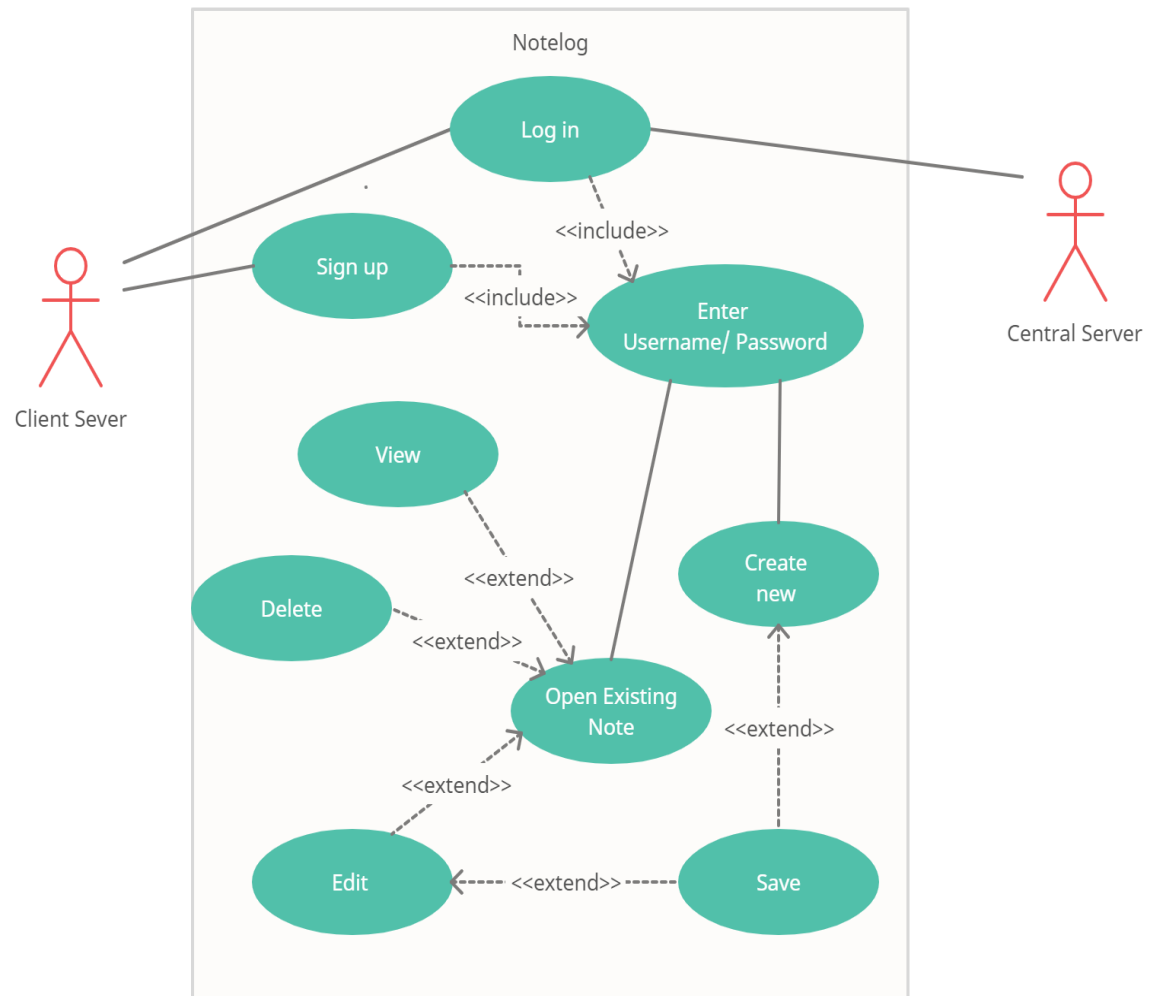
Some features will suffer based on the version of the web browser used. Sufficient internet speed is necessary to be able to load the web page. Cannot handle large number of users due to memory limitation.

2.4 Assumptions and dependencies

Notelog is device independent and will work on any up to date web browser.

3. DIAGRAMS

3.1 Use Case

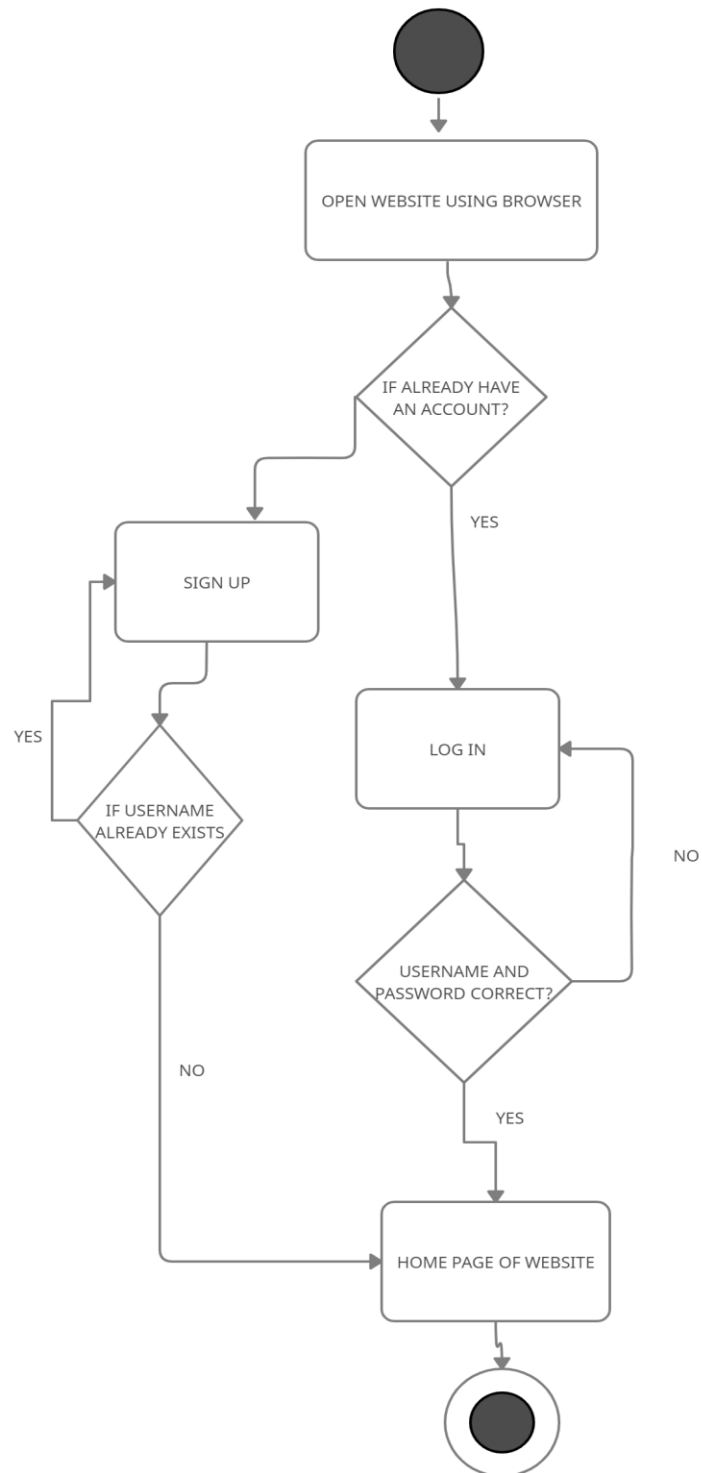


3.2 Activity Diagram

3.2.1 User Login

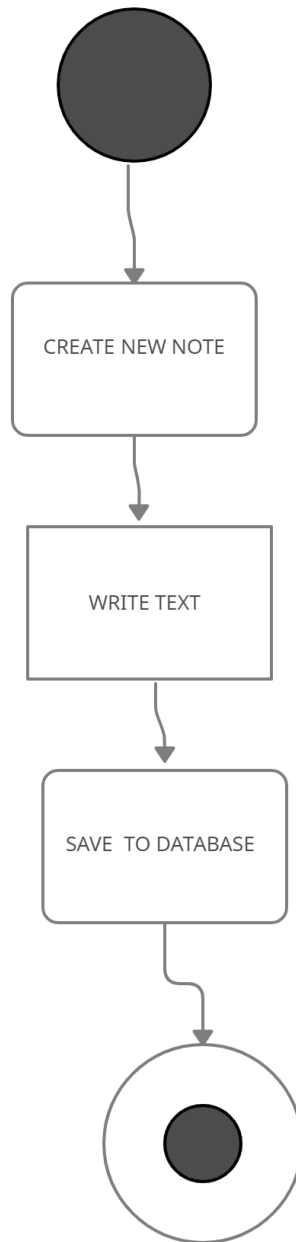
NOTELOG

ACTIVITY DIAGRAM FOR USER LOGIN



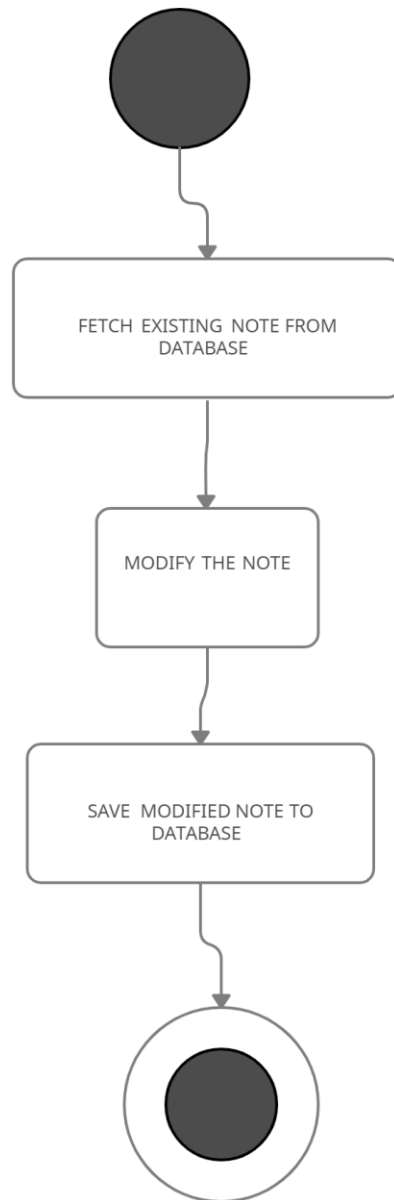
3.2.2 Create Note

ACTIVITY DIAGRAM FOR CREATING NOTE

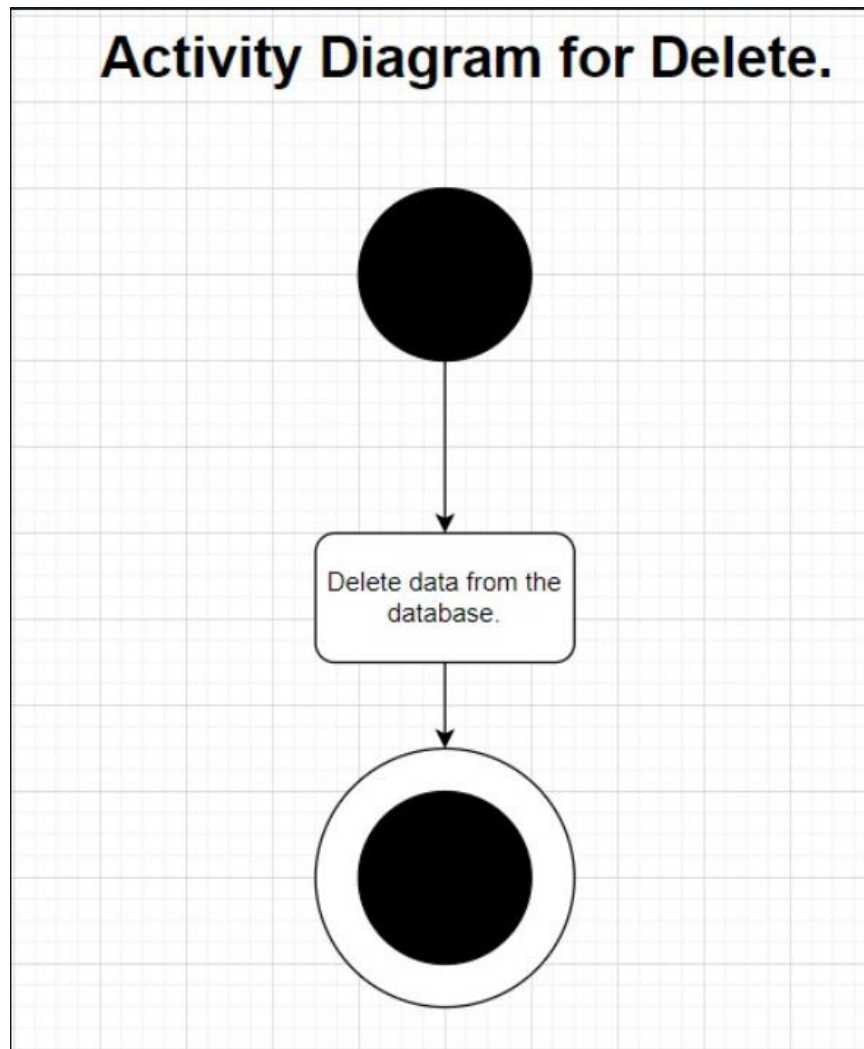


3.2.3 Edit Note

ACTIVITY DIAGRAM FOR EDITTING NOTE



3.2.4 Delete Note



3.3 Deployment Diagram

