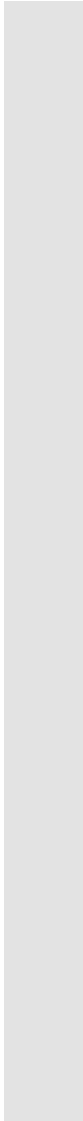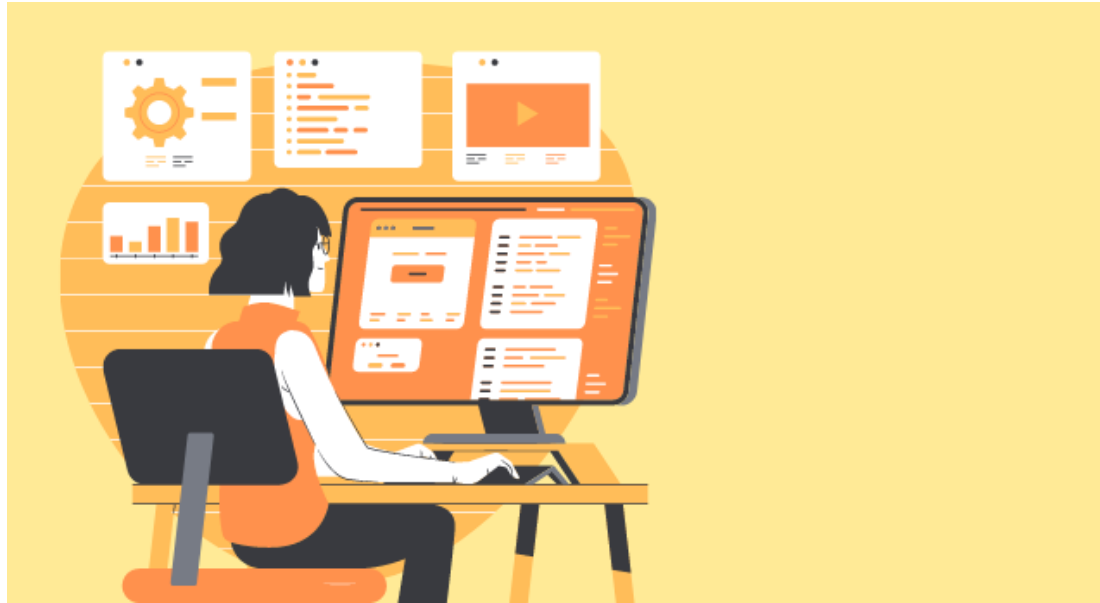# ICIN BANK

By – Arshiya Saxena

CONTENTS

- Project Overview
- About Developer
- Sprints Planned
- Application Algorithm
- Application Overview
- Core Concepts used
- GitHub Repository Link
- Conclusion on Enhancing the Application
- Unique Selling Points

PROJECT OVERVIEW

- A dynamic and responsive Java online banking web application for ICIN Bank to deposit, withdraw, and transfer the money between the accounts.

- ICIN is one of the top banking firms that accepts deposits from the public for the purpose of lending loans to the public. It also invests an amount in securities.

ABOUT DEVELOPER

This application is created from scratch by Arshiya Saxena who is currently getting trained on Java language through the training received from Simplilearn.

Sprints planned

Sprint 1 (5 Days)

- The Goal of this Sprint is to identify Client's requirements and Design the Prototype of the application

Day 1 – Day 5

- The project requirements that are received, are analysed thoroughly in order to understand the various functionalities of the application.

- The Project describes a Banking website which will showcase all banking needs to it's user and a separate Admin portal through which the admin can access the database of the website, which includes all reports, add or delete records, all transactions, etc.

- The front-end of the application is made in place of a prototype in order to get the approval of the user interface.

Sprint 2 (5 Days)

- The Goal of this sprint is to construct the Back-end & DataBase of the Application.

Day 6 – Day 10

- After several changes, as requested by the client, the Front-End of the application was finalised.

- The work for Back-end and Database of the application is now underway.

- Various technologies like Java, Sprint Boot, Maven are used to construct the back-end of the application, and H2 database is used for Database of the application.

- The complete website is created and delivered to the client before deadline.

- The Client reviewed the prototype, and now wants several functional changes to be made, but approves the overall look and functions of the application.

Sprint 3 (5 Days)

- The goal of this sprint is to make required changes in the application, test , and deliver the final product to the client
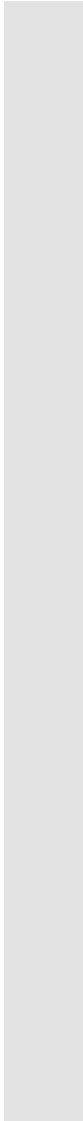
Day 11 – Day 15

- As per the client's required changes, the web application now has a slightly different look and feel, the footer is now stuck to the bottom of the page.

- The final prototype is delivered to the client.

- Client approved the prototype, so the application is now sent for testing to the testing team.

- After all the necessary tests and approvals, the final deployment of the web application is done.

Application Algorithm

- The website will start with the home page and the person can login, if the credentials match the admin, then it will redirect to the admin portal or else the website brochure. The user can even create a new account if it wants, and if it chooses to logout, then it will be again redirected to the home page of the website.

Core Concepts

- Core Java : To write the code for basic functionalities.

- Sprint-Boot : To create a standalone application.

- Database : H2 database is used.

- Git : Used to push the code to an online repository.

- Front-end development: Angular 2, HTML/CSS,

GitHub Repository Link

- https://github.com/arshiyasaxena/Simplilearn-phase-career-readiness

Conclusion on Enhancing the Application

- The future enhancements in this application can include a Graphical User Interface to make it more user friendly and easy to use.

- Even Better appealing visual and animations can be used to attract more audience and customers.

Unique Selling Points

- According to me, the USP of this website/application is that it provides a one-stop solution for all banking needs of the customer and also has an admin portal.

Thank You