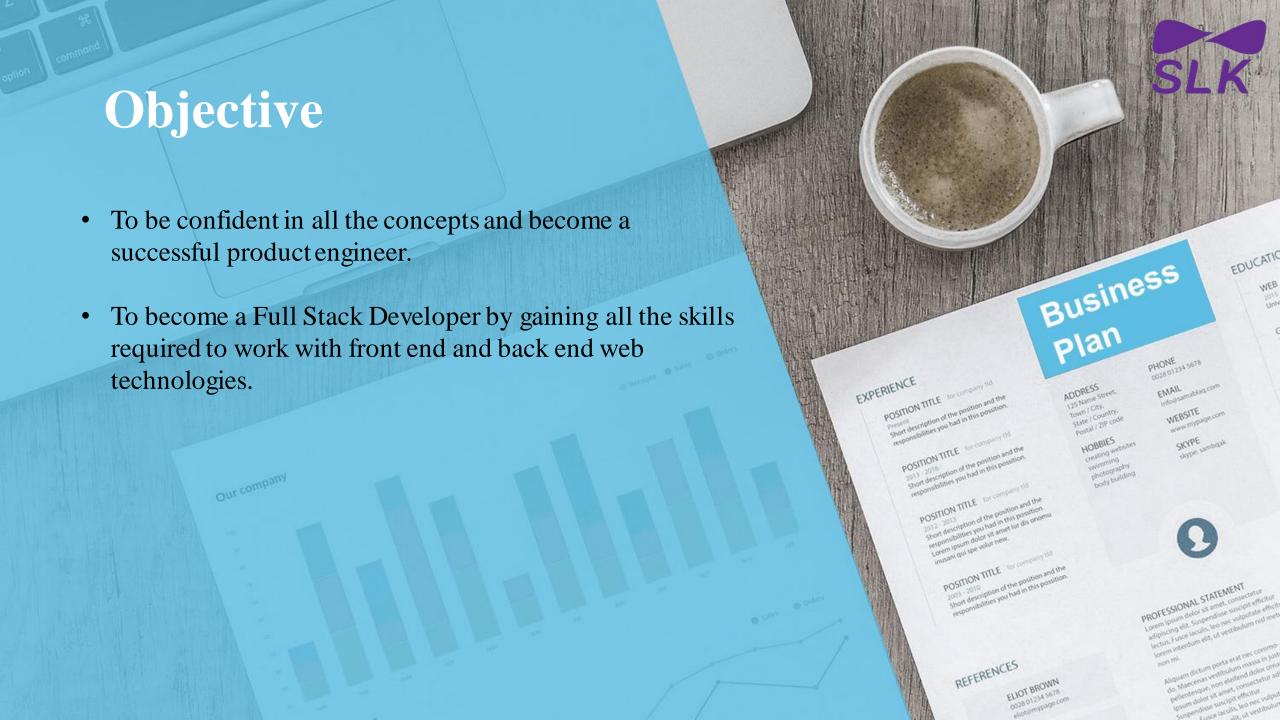


SLK Software

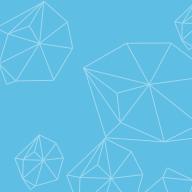


ABC BANK APPLICATION

Module: CUSTOMER







Where Do We Stand ?...

Earlier:

- Basic Theoretical and less practical knowledge.
- OOPs basics.

Training:

- Practical knowledge in Java .
- Angular7
- Spring Boot
- DBMS
- HTML, CSS, Bootstrap
- J2EE,JSP
- Agile Methodology, JUnit, GitHub, Maven, Tomcat, Jenkins

Framework for 8 weeks



2nd week

- Object oriented programming concepts
 - Data structures.
 - Java programming

4th week



- HTML
- CSS
- Bootstrap
- AJAX



6th week

- Architecture and framework of angular
- JEE Architecture

8th week

- Agile Methodology
- JUnit
- GitHub
- Maven
- **Tomcat**
- **Jenkins**
- **Project**
 - Completion

1st week

Database concepts and SQL



3rd week

- Project banking application.
- JDBC and WEB design fundamentals



5th week

- Java script
- ES5,ES6
- Angular7
- UML diagrams.



7th week

- JSP Servlet
- Spring REST(Core & MVC)
- myBatis

Overview

- **SQL** Introduction to SQL, Database concepts, Table, Queries, Practical Examples.
- Object Oriented Programming Concepts
 Introduction, objects, class, constructor, static keyword, this keyword, java inheritance.

Core Java

Introduction, Inheritance, Abstraction, Polymorphism, Encapsulation, Exception handling, Multithreading Concepts, Java I/O, Java Collection, JDBC.

HTML,CSS

Introduction to HTML, HTML tags, Introduction to CSS, Styles, Practical Examples.

• Java Script

History, Introduction, Types of Java Script, Components of Java Script, Introduction to Type Script, ES5, ES6.

Spring REST



Introduction, Spring Framework, Environmental Setup in Eclipse Mars, Architecture, Container, Annotations, Components of Spring Application.

JSP & Servlet

Introduction, Environmental Setup, Architecture, Life Cycle, Container (Apache Tomcat), Inbuilt Services, API.

Angular7

History, Introduction, Environmental Setup, Architecture of Angular, Installation, Using Angular CLI, Components, Modules, Data Binding, Event Binding, Directives, Pipes, Routing, Services.

Agile Methodology

Introduction to agile, Scrum, Scrum Artifacts, Scrum Master, Backlogs, Ceremonies.

• GitHub

Introduction, Account creation, Creating Repository, Git Commands, import, push and pull operations in GitHub.



Maven

Introduction, Maven lifecycle, Phases, Plugin, Goals, Maven Commands.

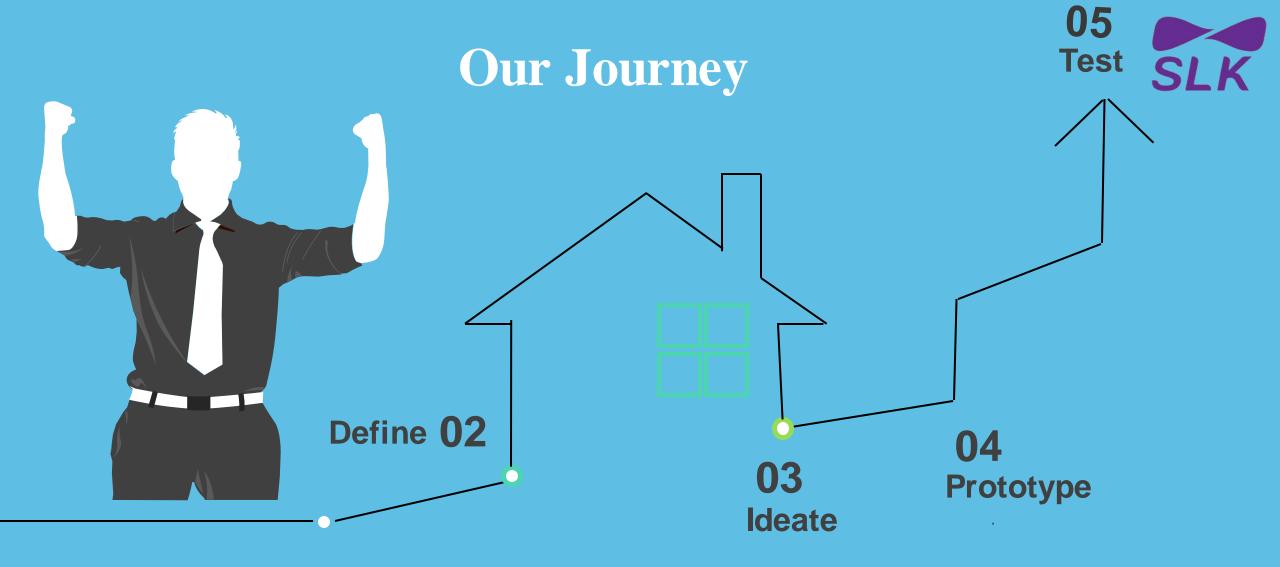
Jenkins

Introduction to Jenkins, Jenkin Configuration.



Agenda

- Our Journey
- Our Trainers
- Our Team
- Project Banking Application
- Project Goals
- Project Overview
- Scope And Conclusion
- Full Stack Architecture



Empathize 01

Our Trainers



UPASANA



AMIT KR BALYAN



KAVITA







Meet Our Team



Rachayya Kallimath
Team Leader
EID:109281



Sagar S Banakal EID:109263



Archana Shetty S EID:109273



Supriya Tirumale EID:109276

Project-Banking application





- Low Level Diagrams: Use Case, Class, Application Flow.
- Architecture of banking application
- Front End:
 Angular7(HTML,CSS,JS,BOOTSTRAP)
- Back End:
 Java ,Spring REST, Database.
- Tools:
 MySql, Sublime, Eclipse.



- This online banking application provides the basic services to manage bank accounts.
- Bank has many branches, each of which has an address, IFSC code, branch id and name.
- A customer/client opens accounts at a branch.
- Each account is uniquely identified by an account number.
- There are three types of accounts, including: Savings, Current and Loan account (loan account is treated as separate entity).



Project Goals

• To build a product with high performance, reusability

• To build a product which meets user needs and requirements.

• To build a product which is user friendly



Overview of Bank Application

There are various job positions within bank application. The positions are as follows:

- Super User
- Admin
- Agent
- Customer

CUSTOMER:

Customer module has various functionalities:

- List of customers
- View Profile
- Update Profile
- Balance Enquiry
- View Loan
- Transfer
- Transaction History





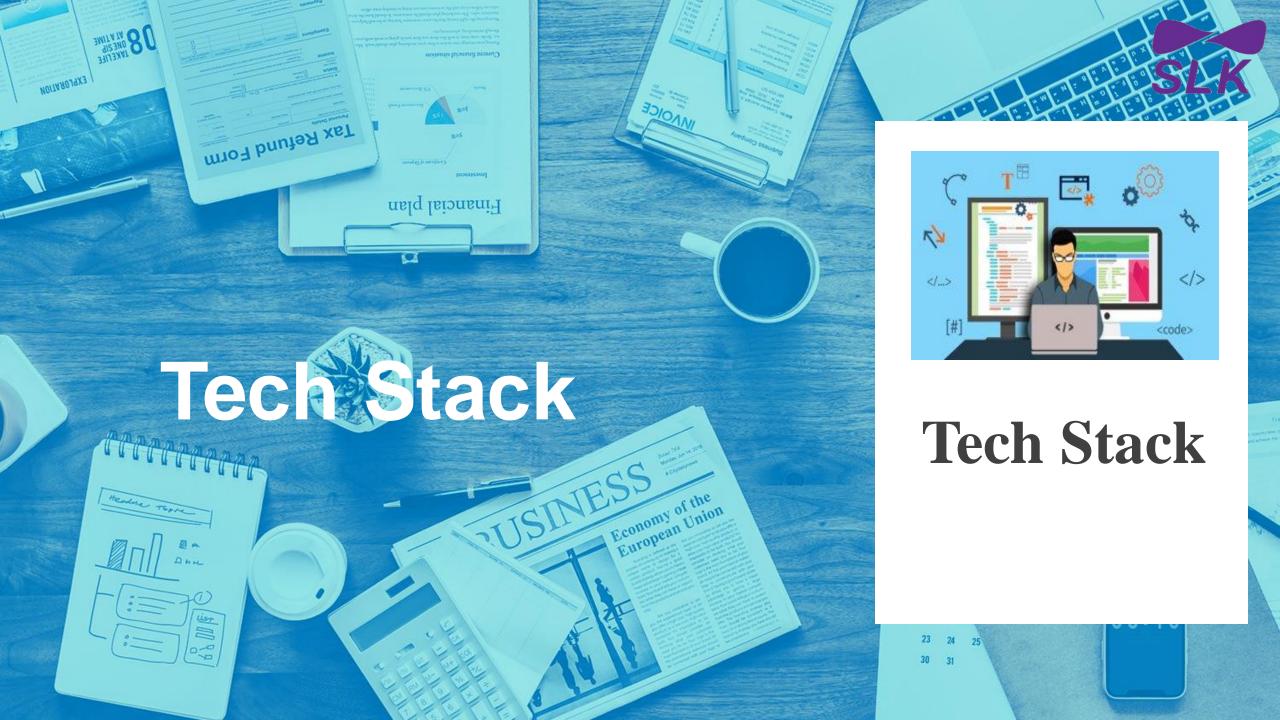


Scope of the Project:

This project can be implemented in any bank by fulfilling basic requirements.

Conclusion of the Project:

- This Bank Management Application will allow the customers to create the account and manage all his transactions.
- All information will be updated automatically by using the information stored in the database system.













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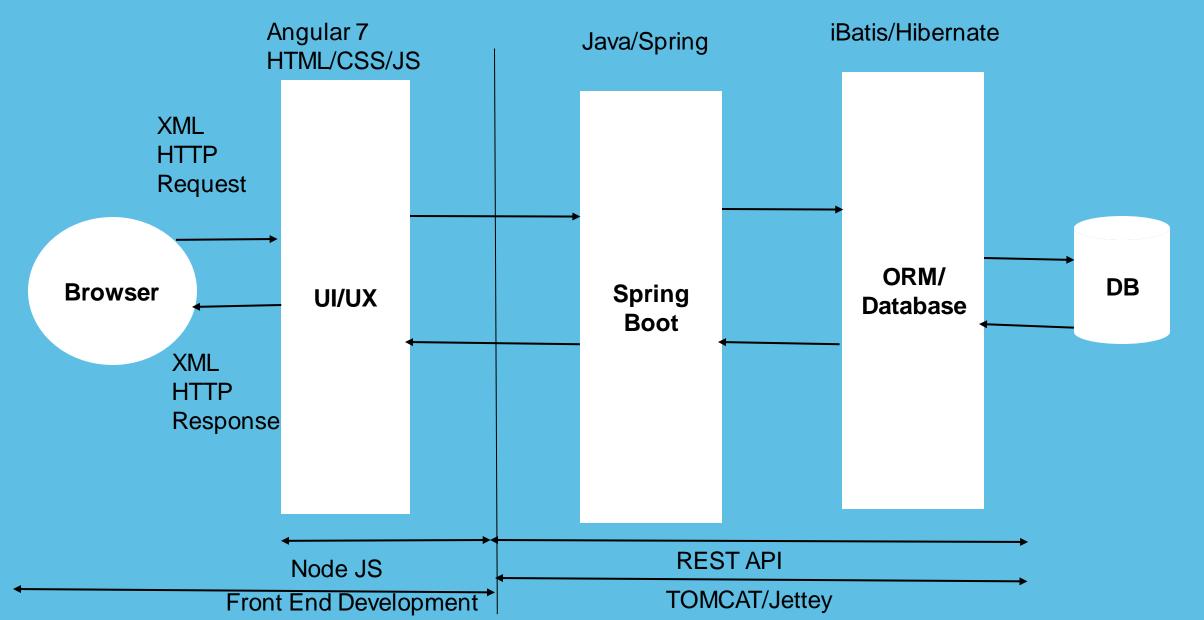




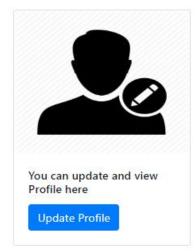


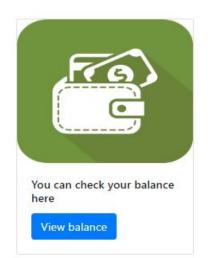
Full Stack Architecture

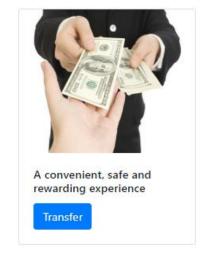


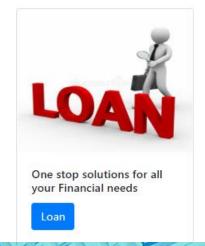


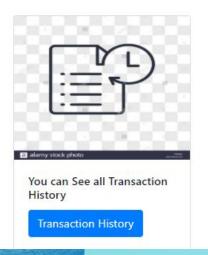
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THANK YOU

