**Project Day wise Schedule -Finance Project**

**DAY1**

* Creating Tables and Design ER diagram
* Class Diagram
* Analyze and design the REST API with Endpoints and service layer
* Implement DAO implementation for existing customer to browse loan Details and apply for new loan
* TEST the DAO implementation by Junit
* TEST the REST API implementation by Junit
* Perform Backend API Testing through POST man
* Create client UI by HTML and send Ajax request to server

**DAY2**

* New and existing Customers can calculate EMIs
* Clerk adding new customer and loan application and mark for approval from the manager
* Find all loan applications
* Search by loan id
* Search by loan type
* Search by date of apply
* TEST the DAO implementation by Junit
* Perform Backend API Testing through POST man
* Create client UI by HTML and send Ajax request to server

**Day3**

* Existing customers can cancel the loan Application
* Manager can APPROVE and REJECT loans
* Existing customers can apply for topup loans
* Perform Backend API Testing through POST man
* Create client UI by HTML and send Ajax request to server

**Day 4**

* Loan Amount Credited to the Customer Account
* Customer Can repay the loan amount.
* Customers can check the transaction details which includes the EMIs and the balance principal amount
* TEST the DAO implementation by Junit
* Perform Backend API Testing through POST man
* Create client UI by HTML and send Ajax request to server

**Day 5**

* Implementing REST Security with authentication and authorization
* Creating Roles
* Create Login Page with roles of Customer, manager and clerk
* Customer can view savings and all loan account details after login
* Set Manager, Clerk and customer privileges
* Customer can change password
* TEST the DAO implementation by Junit
* Perform Backend API Testing through POST man
* Create client UI by HTML and send Ajax request to server

**Day 6**

* Implement Mail Notification to the customer whose applications are approved for loan.
* Upload required documents in image [jpg] format.
* Manager to search all loan application and documents
* Junit Testing
* Create client UI by HTML and send Ajax request to server
* Product Testing