# Online Banking Management System

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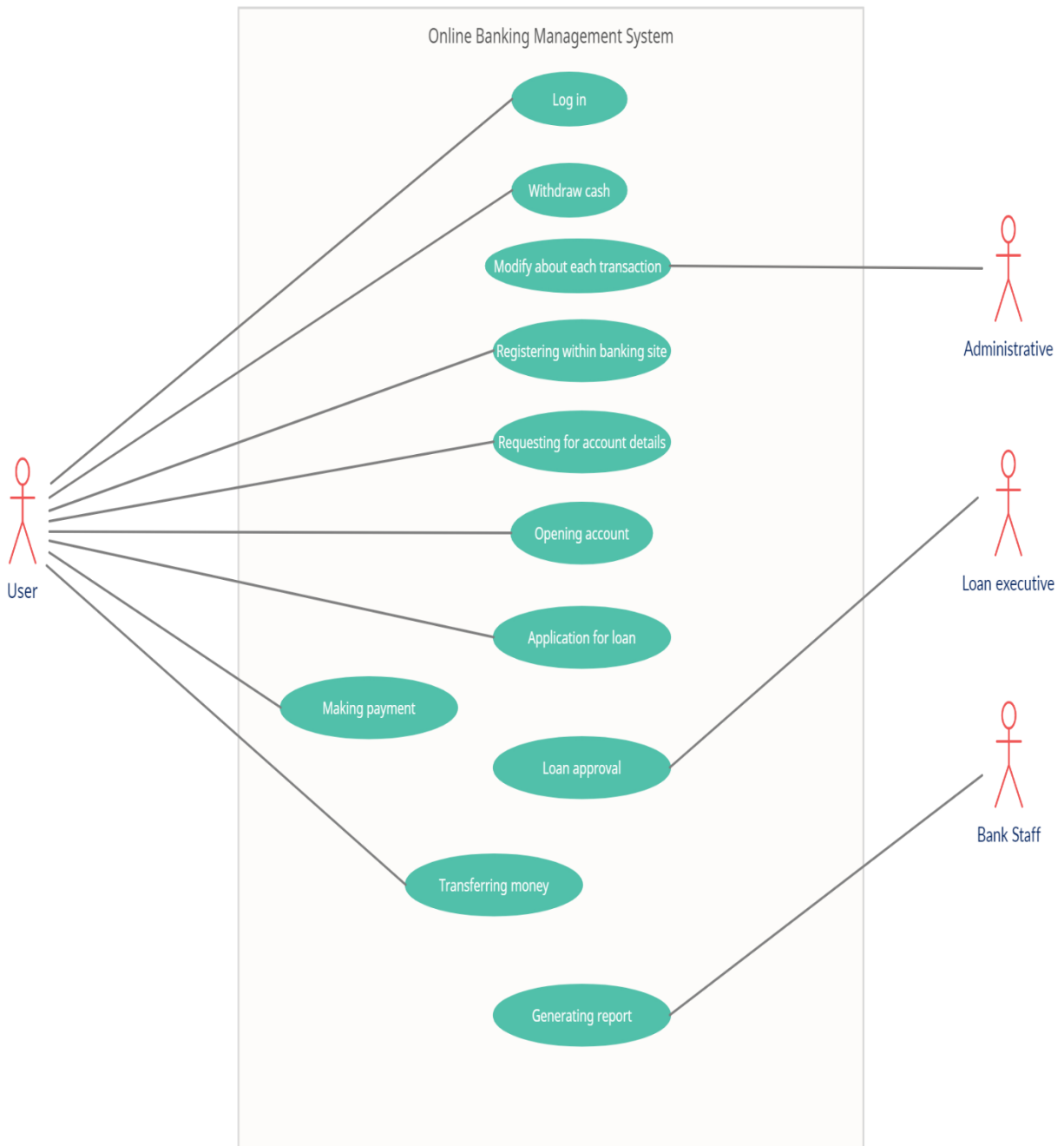
**Software System**
Online banking management system

**Features**

| Feature ID | Description | Priority |
|---|---|---|
| **FE01** | Web based and accessible from devices (with internet connection) such as desktop, laptop, mobile and tablet PCs. | High |
| **FE02** | Provides facility to the customers to view balance and statements. | High |
| **FE03** | Provide facility to transfer of funds between two accounts. | High |
| **FE04** | Make the payments of merchandise transaction through internet. | High |
| **FE05** | Customer can View debits and credits. | High |
| **FE06** | Customers benefit from online banking management because it saves them time and gives them easy access to banking services. | High |
| **FE07** | Will make activities like updating, modification, deletion of records easier as compared to the manual process. | High |

**Use case diagram**



Online Banking Management System

- Log in
- Withdraw cash
- Modify about each transaction
- Registering within banking site
- Requesting for account details
- Opening account
- Application for loan
- Making payment
- Loan approval
- Transferring money
- Generating report

User

Administrative

Loan executive

Bank Staff

**Use Cases**

| FE01 - Authentication and authorization | |
|---|---|
| **FE01_UC01** - User authentication | |
| **Brief Description** | The user opens up the portal and the portal shows the login form for access. |
| **Pre-condition/s** | • User is not logged in already<br>• User has an account in the system |
| **Priority** | High |
| **Actor/s** | Users of all classes. |
| **Main Success Scenario** | 1. User opens up the web portal<br>2. The system displays a login form<br>3. User enters his/her user id and password<br>4. The system matches user credentials against its date store<br>5. The system then redirects user to the appropriate page based on user class. |
| **Alternative Scenario** | • The system cannot find a match for the user and re-displays the login form with an error message.<br>• The system runs into internal error (i.e. database unavailable) and notifies user and asks the user to contact administrator |
| **Notes/Questions** | Must need clarification on dashboard for each user type. |

| FE02 – User data management | |
|---|---|
| **FE02_UC01** – User registration | |
| **Brief Description** | User who has an account can create a new virtual account for the online system. |
| **Pre-condition/s** | • User must be logged in<br>• User must have authorization to register. |
| **Priority** | High |
| **Actor/s** | ADMIN, MANAGER |

| | |
|---|---|
| **Main Success Scenario** | 1. The system displays a form with all the necessary fields required to collect user information. These fields will be Name, Date of Birth, Present Address, Permanent Address, E-mail Id, Contact Number, and so on.<br>2. The system automatically generates an account ID to the user.<br>3. The 'must be filled' fields are marked with a red asterisk.<br>4. If a 'must be filled' field is bypassed an immediate warning with a red text is displayed underneath the information box.<br>5. Authentication for email.<br>6. Authentication for contact number.<br>7. Authentication for bank account number.<br>8. When all the information is put the system generates a successful operation message and updates all the information properly in the database. |
| **Alternative Scenario** | • The system is unable to store the information in database and generates operation not complete message. |
| **Notes/Questions** | The system will not store information from incomplete form. A form will be incomplete when all the 'must be filled' fields are not filled. |

| **FE02_UC02 – Administrative control** | |
|---|---|
| **Brief Description** | All the virtual accounts, transactions, approve bank accounts and loans will be done through the admin by logging in to admin account. |
| **Priority** | High |
| **Actor/s** | ADMIN, MANAGER |
| **Main Success Scenario** | 1. Admin will control all the processes.<br>2. Admin will be redirected to the admin home page for controlling user activities. |
| **Alternative Scenario** | • The system is unable to extract employee information from the database and generates error message |
| **Notes/Questions** | The types of views must be mentioned |

**Non-Functional requirements**

**1.**

**2.**