**Flow Chart1: User**

User Register

Start

Login

Yes No

**Manage Bank Account**

Username & Password Wrong

**Request Credit card**

**Log Out**

**View Card Transactions**

**Withdraw cash,** **,View your payments and transfer to your cc account**

**Search products by keyword and purchase ,View all purchased products**

**Flow Chart 2: Bank Admin**

**Admin Login**

**Start**

**Login**

Yes No

**View all users and authorize**

**Username & Password Wrong**

No

Yes

**View E – Commerce Website users and authorize**

**Log Out**

**Add bank details**

**View Credit card request and Process**

Generate card transaction Bill for a period, Show all Bank Fraud detection in Random-tree-based random forest

View all Normal and Abnormal CC Users for cash limit and give link to show in chart,View all Normal and Abnormal CC Users for no.Cash for purchase transactions and give link to show in chart

,View all Normal and Abnormal CC Users for no.Cash to pay and give link to show in chart

**Chart 3: E Commerce Website**

**Login**

**Start**

**Login**

Yes No

**Add Transport Details**

**Username & Password Wrong**

No

Yes

**Add Products and view All Products**

**Log Out**

**View all purchased products with total bill**

**Find fraud detection**

View all normal and abnormal users

**View No.Of Normal and abnormal users in chart**

**Usecase:**

 

User

**Ecommerce User**

**Sequence Diagram:**

C:\Documents and Settings\syslog\Local Settings\Temporary Internet Files\Content.Word\New Picture.png

E Commerce Website

System

User

**Register and Login**

**Register and Login(With Bank Name)**

**View their own details**

**View all users and authorize**

**Manage Bank Account**

**View All ecommerce  
 users and authorize Request Credit card Details**

**View your payments and transfer to your cc account**

**Add bank details**

**View Credit card request and Process**

**View all product View Card Transactions  
 details**

**View all transport booked details Add Transport Details**

**View all type of Financial Frauds**

**View all purchased products with total bill,** **Find fraud detection**

**View all normal and abnormal users,** **View No.Of Normal and abnormal users in chart**