***Functional Requirement***

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| *FUNCTIONAL REQUIREMENT 0.1* | |
| ***Code*** | SWE.01 |
| ***Name*** | Add User |
| ***Type*** | Administrator |
| ***Description*** | Add account details of user like account no, name, email etc… |
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| *FUNCTIONAL REQUIREMENT 0.2* | |
| ***Code*** | SWE.02 |
| ***Name*** | View User Details |
| ***Type*** | Administrator |
| ***Description*** | System allows admin to view registered user details. |

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| *FUNCTIONAL REQUIREMENT 0.3* | |
| ***Code*** | SWE.03 |
| ***Name*** | View Feedback |
| ***Type*** | Administrator |
| ***Description*** | Admin can view all the feedbacks from the registered users. |

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| *FUNCTIONAL REQUIREMENT 0.4* | |
| ***Code*** | SWE.04 |
| ***Name*** | Unblock accounts |
| ***Type*** | Administrator |
| ***Description*** | Admin or respective authority is allowed to unblock the users account on request. |

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| *FUNCTIONAL REQUIREMENT 0.5* | |
| ***Code*** | SWE.05 |
| ***Name*** | Login |
| ***Type*** | Local login |
| ***Description*** | User need to login with the credentials received on email. |

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| *FUNCTIONAL REQUIREMENT 0.6* | |
| ***Code*** | SWE.06 |
| ***Name*** | New Transaction |
| ***Type*** | Transaction module |
| ***Description*** | This is the module where Sequential Pattern Mining Algorithm will be applied. |

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| *FUNCTIONAL REQUIREMENT 0.7* | |
| ***Code*** | SWE.07 |
| ***Name*** | View Transaction |
| ***Type*** | Transaction module |
| ***Description*** | Search a particular time spawn, and get all the transaction in that spawn |

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| *FUNCTIONAL REQUIREMENT 0.8* | |
| ***Code*** | SWE.08 |
| ***Name*** | Check Website |
| ***Type*** | secure |
| ***Description*** | Check the site if its authentic or not |

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| *FUNCTIONAL REQUIREMENT 0.9* | |
| ***Code*** | SWE.09 |
| ***Name*** | View Balance |
| ***Type*** | **Confirmed Balance** |
| ***Description*** | All the registered user can view their respective balance in their account. |

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| *FUNCTIONAL REQUIREMENT 10* | |
| ***Code*** | SWE.10 |
| ***Name*** | Transfer Money |
| ***Type*** | transfer |
| ***Description*** | User can transfer their money to any other account. |

***Non – Functional requirements***

* The system stores previous transaction patterns for each user.
* Based upon the user spending ability and even country, it calculates user’s characteristics.
* More than 20 -30 % deviation of user’s transaction (spending history and operating country) is considered as an invalid attempt and system takes action.
* User can make online payment securely.
* Data mining algorithm used in this system provides better performance as compared to other traditional classifications algorithms.
* With the help of this system user can also purchase products online without any hesitation.