**Banking project:**

**Background:**

Internet Banking System refers to systems that enable bank customers to Access accounts and general

Information on bank products and services through a personal computer or other intelligent device.

The chances and threats that the internet symbolizes is no longer news to the present day banking sector. No traditional bank would dare face investment analysts without an Internet strategy. The main intention behind the commencement of electronic banking services is to provide the customers with an alternative that is more responsive and with less expensive options. With options just a click away, customers have more control than ever. Their expectations are usability and real-time answers. They also want personal attention and highly customized products and services.

**Project Requirements:**

**Stakeholder(s):**

* Bank
  + Administration user, all privileges
  + Internal general user, per department
* Customer
  + Customer w/account
  + Customer w/o account
* System Program
  + Interest algorithm(s) / process
  + Fiat currency exchange rates

**Min. functional requirement(s):**

1. Customer
   1. Can create an account
   2. Can deposit into his/her account
      1. Cash
      2. Check
   3. Can withdraw from his/her account
   4. Can close his/her account
   5. Perform search/query for transaction detail(s) by
      1. last “n” transactions
      2. specific date
      3. date range
   6. Transfer funds to another account in same bank
   7. Request a check book
   8. View his/her monthly statement by
      1. Statement-period (one-month)
   9. Make electronic funds transfer (EFT) at
      1. Their bank
      2. Other bank

UML Class Responsibilities Diagrams (ref 4):

UML Class Diagrams (ref 5-8):

UML Sequence Diagrams (ref 13):

Use Case Diagrams (ref 15 – 20):

* UC-0001 – Create an account
* UC-0002 – Login to account
* UC-0003 – Close account
* UC-0004 -
* UC-0011 – Deposit fiat into account
* UC-0012 – Deposit check into account
* UC-1200 – Transfer money electronically into account (same bank, internal incoming)
* UC-1201 – Transfer money electronically out of account (same bank, internal outgoing)
* UC-1210 – Transfer money electronically into account (different bank, external incoming)
* UC-1211 – Transfer money electronically out of account (different bank, external outgoing)