PLAY GROUND

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ALTIMETRIK | Transforming Businesses...
Touching Lives..   **AD & I**

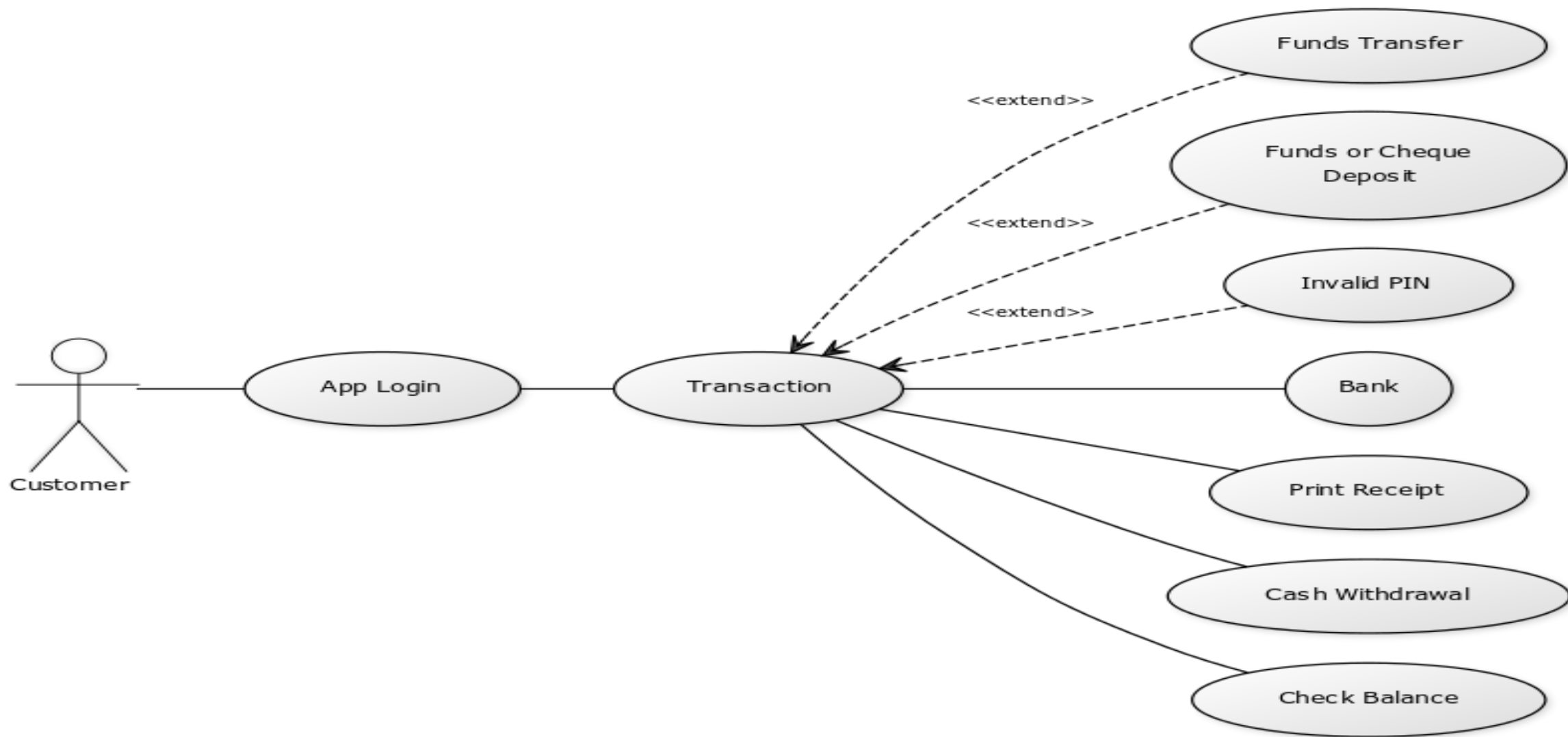Please select one of the below Use Cases

❑ DIGITAL ATM
❑ FEEDBACK SYSTEM

DIGITAL ATM

Login Use Case

Name : Login Use case

Requirements : Customer need to authenticate with APP to withdrawal funds

Constraints or Assumptions : Valid Bank account

Scenario :

1.   Customer with valid credentials login to app with username and password (Keyed in App Login Page)
2.   Customer is successful to access and allowed to do actions on his / her Customer Bank Account

Including Use Cases : None

Exceptions: Customer may abort the transaction with cancel button on app

Withdrawal Use case

Name : Funds Withdrawal

Requirements : Customer wants to withdrawal funds

Constraints or Assumptions : Sufficient Balance to withdrawal at Bank account, network connectivity, transaction timeout should define, Withdrawal transaction limit should be taken care e.g. 10 K INR in any ATM per day

Scenario :

1. Customer requires to choose type of account to withdraw (Ex. Current, Savings…)
2. Application verifies that if customer bank account has sufficient ledger balance
    if ledger balance condition failed, Customer required to enter valid or right amount
3. If transaction is successful and completed, the transaction number should be published / notified and should stored in core banking Database
    Bank debits Customer Bank account
    Banks credits Customer Bank account in case of network failure or unable dispense required funds or If timeout happened while initiating virtual transaction
4. Generate a report and publish to customer on daily / weekly / monthly on transactions made more than 500 per day
5. UI is responsive i.e. should work similarly in Mobile, Desktop
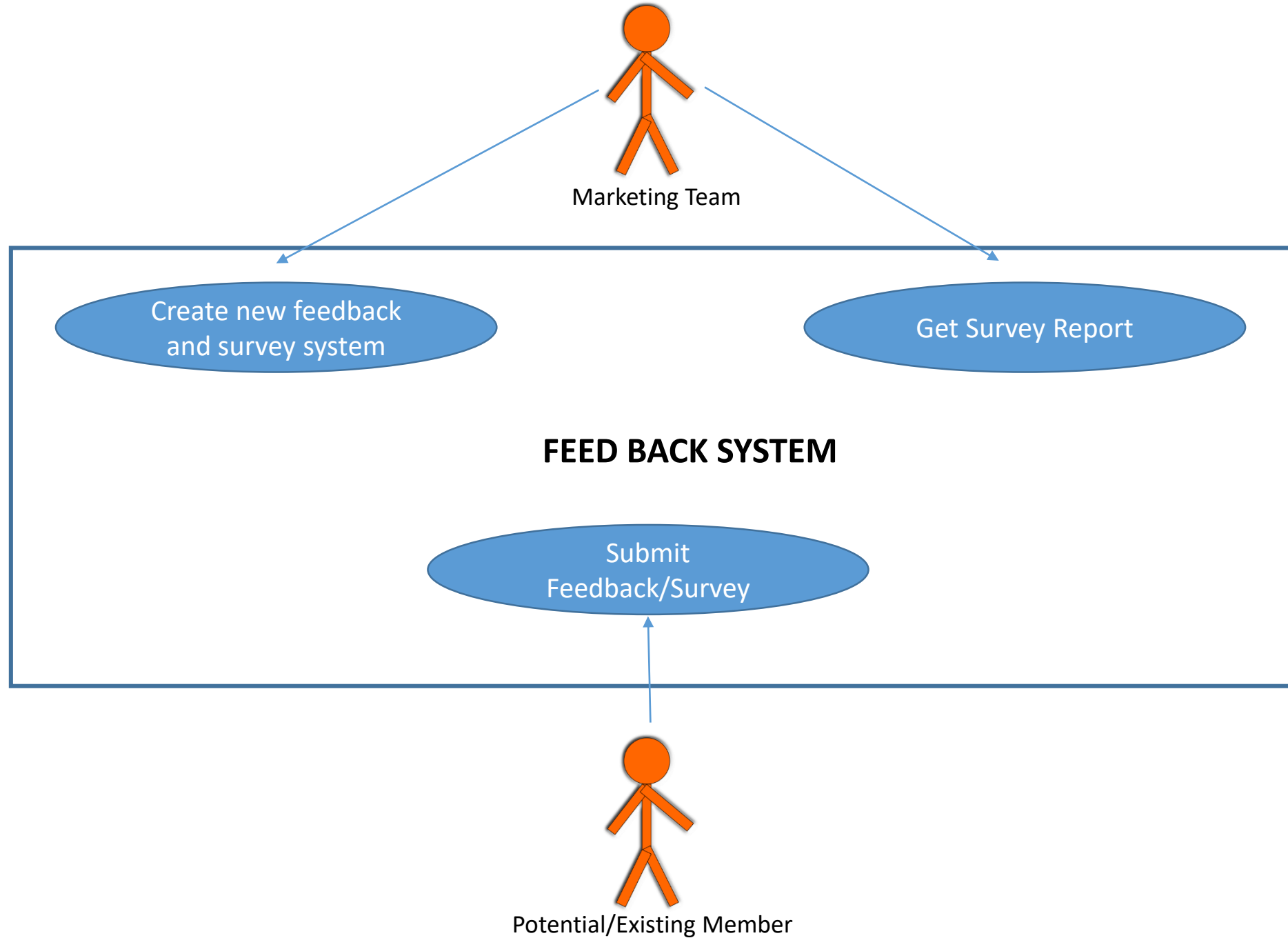6. Ensure zero bug delivery of application

Including Use Cases : Login Use case

Exceptions: Customer may abort transaction with cancel button available at App

FEEDBACK SYSTEM

ALTIMETRIK

USE CASE HIGH LEVEL DESCRIPTION

Create new feedback and survey system:

1. Create Feedback/Survey Form with below questionnaires.
   Name (required)
   Email address (required)
   Age
   Gender
   Country
   Experience rating (scale of 1-5)
   Suggested improvements (free text form)
   Web Page For which the Survey is Created(to be hidden).

Get Survey Report:

1. Report should show the below analytics.
   Average age of the responders.
   Average experience rating of the responders.
   Gender distribution
   Country distribution
   Total number of results

Submit Feedback/Survey:

1. Existing/Potential Members be able to submit their Feedback/Survey form with mandatory entry.

Technology Stack to be Used

1) UI Implementation.
1. Angular JS.
2. React JS.
3. HTML5.

2) Restful Web Services based implementation.
1. Spring MVC, Boot.
2. JAX-RS.
3. Implement Micro services for required APIs.

3) Database Interaction.
1. Spring JDBC Template
2. Hibernate.

4) Unit Testing
1. Junit
2. Mockito (If required).

5) Development Process.
1. Agile Development :Convert the Use Cases to smaller user stories and start implementing.