**SequencesChapter 3**

**External Interface Requirements**

**3.1 Functional Requirements**

**3.1.1 Register**

The following expanded use case shows the response sequences between the actor actions and the system responses.

• Use Case Name: Register

• Actor: User

• Type: Primary

• Overview: Register / Create new account in the website.

Exception:

1) The user fill unformatted information

2) Server is down so form did not reach to database server

**3.1.2 Login**

**Stimulus/ Response Sequences**

The following expanded use case shows the response sequences between the actor actions and the system responses.

• Use Case Name: Login

• Actor: User

• Type: Secondary

• Overview: Allows user to log in to the website to access the synced bookmarks

Exception:

1) The user will unformatted information

2) Server is down so form did not reach to database server

**3.1.3 Voice Search**

**Stimulus/ Response Sequences**

The following expanded use case shows the response sequences between the actor actions and the system responses.

• Use Case Name: Voice Search

• Actor: User

• Type: Primary

•Overview: Allows user to search their deisred news via voice

Exception:

1) User is not connected to the internet so system won’t be able to connect to the API

2) User is not speaking native Bangla / English which our targeted API won’t recognize

3) User is not speaking anything related to news so no match will come

3.1.4 Listen to Audio

Stimulus/ Response Sequences

The following expanded use case shows the response sequences between the actor actions and the system responses.

• Use Case Name: Listen to Audio

• Actor: User

• Type: Primary

• Overview: Allows user to listen to news article

Exception:

1) User is not connected to the internet so system cannot contact the API

**3.1.5 Check News Source**

**Stimulus/ Response Sequences**

The following expanded use case shows the response sequences between the actor actions and the system responses.

• Use Case Name: Check Source

• Actor: User

• Type: Primary

• Overview: Allows user to check the source of news article

Exception:

1) System cannot connect to the database

2) User has no internet connection to receive the response

**3.1.6 Logout**

**Stimulus/ Response Sequences**

The following expanded use case shows the response sequences between the actor actions and the system responses.

• Use Case Name: Logout

• Actor: User

• Type: Secondary

• Overview: Allows user to logout

Exception :

1) Server is down so system can not remove bookmarks

2) If there is no internet connection user can not log out successfully