**Use case description**

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| --- | --- |
| Use case title | login |
| Primary actor | user |
| Stakeholders | user |
| preconditions | Start the application |
| Minimal guarantee | Ask to try again using a different username and  Password that satisfy the login username and pass  Word rule. |
| Success guarantee | Creates a new user account or opens an existing account |
| trigger | Selecting the login icon on the application |
| Main success scenario | A user account is created in database of the application that is stored in the user hard drive of the device |
| extensions | 1. It verifies the inputted username and password is correct. 2. It displays a login error if the inputted username and password is incorrect or doesn’t match the login rules |

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| --- | --- |
| Use case title | Select a language |
| Primary actor | user |
| Stakeholders | user |
| preconditions | Login into the application |
| Minimal guarantee | ……………………………. |
| Success guarantee | Selects the user desired language |
| trigger | After successfully logging into the application |
| Main success scenario | The user must select one language out of the four-given option |
| extensions | …………… |

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| --- | --- |
| Use case title | Search a topic |
| Primary actor | user |
| Stakeholders | user |
| preconditions | The user must select a language |
| Minimal guarantee | It can result in error such as invalid input which can due to if the user selected a wrong  Wrong language in correspondence to the inputted search topic.  Or the searched topic doesn’t exist in the database. |
| Success guarantee | The user will get the desired output |
| trigger | After user has selected the language then the user can search the topic  related to the language |
| Main success scenario | It searches inputted topic in the application database |
| extensions | ………………………. |

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| --- | --- |
| Use case title | retrieve |
| Primary actor | user |
| Stakeholders | user |
| preconditions | The user must search a topic |
| Minimal guarantee | Invalid input if the searched topic is not found |
| Success guarantee | The user gets the desired result |
| trigger | Search a topic |
| Main success scenario | It is the result given by the application database if the desired input is  located in the database. |
| extensions | ………………………. |