**Use Case Scenarios**

Use Case Model for Birds Adventure Application is represented at different levels of abstraction using UML use case diagram.

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| --- | --- |
| **List of use cases** | |
| UC1 - Sign Up new user | UC10 – Share media |
| UC2 - Login | UC11 - Organize Library |
| UC3 – Create Media | UC12 - Turn on /off Notifications |
| UC4 – Upload Media | UC13 - Proximity Radius |
| UC5 – Search Birds | UC14 - Logout |
| UC6 – View News |  |
| UC7 - view Featured Bird |  |
| UC8 – View Bird's Profile |  |
| UC9 – Edit User Profile |  |

List of use cases

**UC-1: Sign Up**

|  |  |
| --- | --- |
| System: | Birds Adventures Application |
| Identifier: | UC-1 |
| Author(s): | Team 2 |
| Version: | None |
| Name: | Sign Up new User |
| Pre- Condition(s): | The user is non-registered and does not have an account on Bird Adventures Application |
| Post- Condition(s): | The user is directed to the Home Page of the Application. |
| Trigger: | The user has clicked on the Sign Up button. |
| Normal Flow: | * User clicks on Sign Up button to create the user profile. * User enters the details in the form and sets up the user name and password. * Then after registartion userr will be redirecetd to the HomePage . |
| Alternate Flow: | None |
| Exceptional Flow(s): | **Exception:** There is an occurrence of internet connection failure.  1. The system will prompt the message “No Internet Connection, try Again” on the phone Screen |
| Related Actor(s): | **Primary**-Non-Registered User  **Secondary**-None |
| Related Use Case(s): | None |

UC-1:Sign Up New User

**UC-2: Login**

|  |  |
| --- | --- |
| System: | Birds Adventures Application |
| Identifier: | UC-2 |
| Author(s): | Team 2 |
| Version: | None |
| Name: | Login |
| Pre- Condition(s): | The user is registered and has an account on Bird Adventure Application |
| Post- Condition(s): | The user is directed to the homepage of Application Which is specific to the user. |
| Trigger: | The user has clicked on the Login button. |
| Normal Flow: | * User clicks on the Login button. * User enters the user name and the password in the form. * User is directed to the homepage specific to the user. |
| Alternate Flow: | * User clicks on “forget password”. * User enters the email used for registration. * Email to change password is send to the given email address. * User changes the password and confirms the changes. * User is directed to the Login page. * User enters the user name and the password in the form. * User is directed to the homepage specific to the user. |
| Exceptional Flow(s): | **Exception:** The user enters wrong password or username.  2. The system will prompt the message “Wrong User name or password, Try again” on the phone screen. |
| Related Actor(s): | **Primary**-Registered User  **Secondary**-None |
| Related Use Case(s): | None |

UC-2: Login

**UC-3 – Create Media**

|  |  |
| --- | --- |
| System: | Birds Adventures Application |
| Identifier: | UC-3 |
| Author(s): | Team 2 |
| Version: | None |
| Name: | Create Media |
| Pre- Condition(s): | * The user is registered and must have an account on Birds Adventure Application. * User Logs In with correct username and password * User will give premissions to phone camera and audio. |
| Post- Condition(s): | The user is directed to HomePage wher he/she will create media. |
| Trigger: | The user has clicked Camera Icon and camera will open to captures videos and photos of birds. |
| Normal Flow: | * User click on Camera icon to capture media. |
| Alternate Flow: | None |
| Exceptional Flow(s): | None |
| Related Actor(s): | **Primary**-Registered User |
| Related Use Case(s): | None |

UC-3: Create Media

**UC-4: Upload Media**

|  |  |
| --- | --- |
| System: | Birds Adventures Application |
| Identifier: | UC-4 |
| Author(s): | Team 2 |
| Version: | None |
| Name: | Upload Media(pictures and videos) |
| Pre- Condition(s): | * The user is registered and must have an account on Birds Adventure Application. * User will give premissions to phone camera and audio. |
| Post- Condition(s): | User can Upload on Media on application. |
| Trigger: | user Select the media from phone's library. |
| Normal Flow: | * User selects the media file from the stored files. |
| Alternate Flow: | None |
| Exceptional Flow(s): | **None**. |
| Related Actor(s): | **Primary**-Registered User |
| Related Use Case(s): | None |

UC-4: **Upload Media**

**UC-5: Search Options**

|  |  |
| --- | --- |
| System: | Birds Adventures Application |
| Identifier: | UC-5 |
| Author(s): | Team 2 |
| Version: | None |
| Name: | Search Birds |
| Pre- Condition(s): | The user is registered and must have an account on Birds Adventure Application. |
| Post- Condition(s): | User will get search Birds on the basis of location and name. |
| Trigger: | * First user will go to search toolbar. * Then user will either search by location or can search name |
| Normal Flow: | * The user clicks on the “Search ” button. * Options will pop up like(By name or By Region). * User selects the particular option that user wants to see. * User is navigated to the search list of Birds. |
| Alternate Flow: | None |
| Exceptional Flow(s): | None. |
| Related Actor(s): | **Primary**-Registered User |
| Related Use Case(s): | None |

UC-5: Search Birds

**UC-6: View News**

|  |  |
| --- | --- |
| System: | Birds Adventures Application |
| Identifier: | UC-6 |
| Author(s): | Team A |
| Version: | None |

|  |  |
| --- | --- |
| Name: | View News Regarding birds |
| Pre- Condition(s): | The user is registered and must have an account on Birds Adventure Application. |
| Post- Condition(s): | The user is directed to News Page. |
| Trigger: | The user has clicked on menu icon on right top corner and select news section. |
| Normal Flow: | * The user clicks on “menu” icon * The user clicks on news icon. |
| Alternate Flow: | None |
| Exceptional Flow(s): | None |
| Related Actor(s): | **Primary**-Registered User |
| Related Use Case(s): | Search by name,Seach by Location |

UC-6: View news

**UC-7: View Featured Bird**

|  |  |
| --- | --- |
| System: | Birds Adventure |
| Identifier: | UC-7 |
| Author(s): | Team 2 |
| Version: | None |
| Name: | View Featured Birds. |
| Pre- Condition(s): | * Registered or Guest user can view the featured Bird profile. |
| Post- Condition(s): | * The user is directed to the featured birds page. |
| Trigger: | The user has clicked on the featured bird option. |
| Normal Flow: | * The user selects the featured birds icon from the toolbar. * The Featured Birds List will appear. * The user can select the featured birds for detailed information. * The use case ends. |
| Alternate Flow: | None |
| Exceptional Flow(s): | **Exception:** There is an occurrence of internet connection failure.   * The system will prompt the message “No Internet Connection, try Again”. |
| Related Actor(s): | **Primary**-Registered User  **Secondary**- Guest User |
| Related Use Case(s): | None. |
|  |  |

UC-7: View Featured Bird

**UC8- – View Bird's Profile**

|  |  |
| --- | --- |
| System: | Birds Adventure |
| Identifier: | UC-8 |
| Author(s): | Team 2 |
| Version: | None |
| Name: | View Bird's Profile. |
| Pre- Condition(s): | The user is registered and has an account on Birds Adventure App.  The user is looking for information about bird. |
| Post- Condition(s): | The user is directed to the Bird’s profile . |
| Trigger: | The user has clicked on the specific bird’s image or name. |
| Normal Flow: | 1. The system displays the page containing the information of bird like Description, Media and Map.  2. The use case ends. |
| Alternate Flow: | None. |
| Exceptional Flow(s): | **Exception:** There is an occurrence of internet connection failure.   * The system will prompt the message “No Internet Connection, try Again”. |
| Related Actor(s): | **Primary**-Registered User |
| Related Use Case(s): | View Featured Birds |

UC-8: View Bird's Profile

**UC-9: Edit/Update User**'**s Profile**

|  |  |
| --- | --- |
| System: | Birds Adventure |
| Identifier: | UC-9 |
| Author(s): | Team 2 |
| Version: | None |
| Name: | Edit/Update User's Profile |
| Pre- Condition(s): | The user is registered and has an account on Birds adventure App. |
| Post- Condition(s): | User will make changes on his profile. |
| Trigger: | The user has clicked on the Profile option on the top right side of the application window. |
| Normal Flow: | * The user selects the profile option. * The System displays the details of the user. * The User submits the changes. * The system validates the details.   5.1 The system displays the user 's profile page with successful message.  5.2 The system displays the user 's profile page with Error Message.  6. The use case ends. |
| Alternate Flow: | None |
| Exceptional Flow(s): | **Exception:** There is an occurrence of internet connection failure.   * The system will prompt the message “No Internet Connection, try Again”. * The system will prompt the message “Syntax Error”. * The system will prompt the message “Password Mismatch”. |
| Related Actor(s): | **Primary** - Registered User |
| Related Use Case(s): | None |

UC-9: Edit/Update User's Profile

**UC-10: Share media with Friend/Family**

|  |  |
| --- | --- |
| System: | Birds Adventure |
| Identifier: | UC-10 |
| Author(s): | Team 2 |
| Version: | None |
| Name: | Share media with Friend/Family |
| Pre- Condition(s): | * The user is registered and has an account on Birds adventure App. * The user should have media in his library. |
| Post- Condition(s): | The user can view the content of another user. |
| Trigger: | The User has to click on the |
| Normal Flow: | * The User have to open his library on the homepage. * The User opens the media (picture, Video and Sound) Folder. * Then, user will open the specific file that wants to share. * After user can select the social platform to share URL. * The use case ends. |
| Alternate Flow: | None |
| Exceptional Flow(s): | **Exception:** There is an occurrence of internet connection failure.   * The system will prompt the message “No Internet Connection, try Again”. |
| Related Actor(s): | **Primary** - Registered User |
| Related Use Case(s): | None |

UC-10: Share media with Friend/Family

**UC-11: Organize library Media**

|  |  |
| --- | --- |
| System: | Birds Adventure |
| Identifier: | UC-11 |
| Author(s): | Team 2 |
| Version: | None |
| Name: | Organize library media |
| Pre- Condition(s): | * The user is registered and has an account on Birds adventure App. * The user should have media in his library. |
| Post- Condition(s): | The user can manage his library. |
| Trigger: | The user have various options to manage personal library. |
| Normal Flow: | * The User have to open his library from the homepage of the application. * Then, User can select the media file or folder that wants to manage. * User can choose various options like create, rename, delete, move etc. |
| Alternate Flow: | None |
| Exceptional Flow(s): | **Exception:** There is an occurrence of internet connection failure.   * The system will prompt the message “No Internet Connection, try Again”. |
| Related Actor(s): | **Primary** - Registered User |
| Related Use Case(s): | None |

UC-11: Organize library Media

**UC-12: Turn On/Off Notification of Featured/ Favorite Birds.**

|  |  |
| --- | --- |
| System: | Birds Adventure |
| Identifier: | UC-12 |
| Author(s): | Team 2 |
| Version: | None |
| Name: | Turn On/Off Notification of Featured/ Favorite Birds. |
| Pre- Condition(s): | The user is registered and has an account on Birds adventure App.  The user wants to get notification about the bird’s, accordance to the region. |
| Post- Condition(s): | The user will get notification about the featured or favorite birds. |
| Trigger: | The user can turn ON/Off notification under the setting. |
| Normal Flow: | * The User will go to setting in the top right side of the application window * Under the setting user have different options: Turn On/off notification for featured birds, Turn On/off notification for favorite birds. * The user can select the options according to his needs. * The use case ends. |
| Alternate Flow: | None |
| Exceptional Flow(s): | **Exception:** There is an occurrence of internet connection failure.   * The system will prompt the message “No Internet Connection, try Again”. |
| Related Actor(s): | **Primary** - Registered User |
| Related Use Case(s): | None |

UC-12: Turn On/Off Notification of Featured/ Favorite Birds.

**UC-13: Set Proximity Radius.**

|  |  |
| --- | --- |
| System: | Birds Adventure |
| Identifier: | UC-13 |
| Author(s): | Team 2 |
| Version: | None |
| Name: | Set Proximity Radius. |
| Pre- Condition(s): | The user is registered and has an account on Birds adventure App.  The user wants to set the distance, from how far they will get notify about featured or favorite birds. |
| Post- Condition(s): | The user will notify about the featured or favorite birds under the distance chosen by the user. |
| Trigger: | The user have to choose the setting. |
| Normal Flow: | * The User will go to setting in the top right side of the application window. * Under the setting user have to select Set Proximity Radius option. * The user can set the distance for notification accordingly. * The use case ends. |
| Alternate Flow: | None |
| Exceptional Flow(s): | **Exception:** There is an occurrence of internet connection failure.   * The system will prompt the message “No Internet Connection, try Again”. |
| Related Actor(s): | **Primary** - Registered User |
| Related Use Case(s): | None |

UC-13: Set Proximity Radius.

**UC-14: Logout**

|  |  |
| --- | --- |
| System: | Birds Adventure |
| Identifier: | UC-14 |
| Author(s): | Team 2 |
| Version: | None |
| Name: | Logout |
| Pre- Condition(s): | The user should be logged in the application. |
| Post- Condition(s): | The user will be redirected to the login page of the application. |
| Trigger: | The user can select log out option to exit temporary from the application |
| Normal Flow: | * The user will open the dropdown box at the top right of the application window. * Then, user can choose the logout option. * The use case ends. |
| Alternate Flow: | None |
| Exceptional Flow(s): | **Exception:** There is an occurrence of internet connection failure.   * The system will prompt the message “No Internet Connection, try Again”. * The system will prompt the message “Already Logged out”. |
| Related Actor(s): | **Primary** - Registered User |
| Related Use Case(s): | Login |

UC-14: Logout