Use case scenarios

Use case 1

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| --- | --- |
| Usecase name | Sign-in |
| Actors | User/Admin |
| Main success scenario | 1. System prompts user for username and password 2. User enters required information 3. User clicks on sign-in 4. System checks the username and password entered 5. System signs the user in |
| Exceptions | 3a User clicks on sign in without completing the required fields |
| Actions | 3.1 System displays error message “The marked fields are required”  3.2 User fills in the missing information |
| Pre-condition | User has downloaded the application  User has an active internet connection |
| Post-condition | User is successfully signed in |

Use case 2

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| --- | --- |
| Usecase name | Create User |
| Actors | Admin |
| Main success scenario | 1. System prompts admin for user’s data (Full name, Parents’ names, national ID, date of birth, location of birth, etc.) 2. Admin enters required information 3. Admin clicks on create user 4. System checks that user doesn’t already exist and data is valid 5. System creates the user |
| Exceptions | 1a Admin clicks on create user without completing all the required fields  4a Admin enters a user that already exists |
| Actions | 1.1 System displays error message “The marked fields are required”  1.2 admin fills in the missing information  4.1 System displays error message “User already exists” |
| Pre-condition | User does not already exist |
| Post-condition | User is successfully created |

Use case 3

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| --- | --- |
| Usecase name | Modify User |
| Actors | Admin |
| Main success scenario | 1. System displays user’s info 2. Admin modifies any of the info 3. Admin clicks on save changes 4. System checks that input is valid and no fields are empty 5. System updates the user |
| Exceptions | 1a Admin clicks on save changes while one field or more is empty |
| Actions | 1.1 System displays error message “The marked fields are required”  1.2 admin fills in the missing information |
| Pre-condition | No user data is missing |
| Post-condition | User is successfully modified |

Use case 4

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| --- | --- |
| Usecase name | Approve or decline user applications |
| Actors | Admin |
| Main success scenario | 1. System displays pending user applications 2. Admin selects application to review 3. Admin clicks on approve or decline 4. System sends the approved application to the ministry and notifies the user |
| Exceptions | 3a Admin’s internet connection is faulty |
| Actions | 3.1 System displays error “Unable to communicate with server, please check internet connection.” |
| Pre-condition | Application has been submitted by user |
| Post-condition | Application is successfully approved and is sent to the appropriate ministry |

Use case 5

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| --- | --- |
| Usecase name | Apply for ID card |
| Actors | User |
| Main success scenario | 1. System prompts user for required information 2. User enters required information 3. User clicks on apply 4. System checks that user is above 16 years old, all data has been filled, and user does not already have an ID card 5. System sends the application to be reviewed by admin |
| Exceptions | 3a User clicks on apply without completing all the required fields  4a User is not 16 or older  4b User already has an ID card |
| Actions | 3.1 System displays error message “The marked fields are required”  3.2 user fills in the missing information  4.1 System displays error message “User must be 16 or older” or “User already has an ID card” |
| Pre-condition | User is 16 or older and has not already applied for ID |
| Post-condition | Application is successfully sent to be reviewed by admin |

Use case 6

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| --- | --- |
| Usecase name | Apply for Driver’s License |
| Actors | User |
| Main success scenario | 1. System prompts user for required information 2. User enters required information 3. User clicks on apply 4. System checks that user is above 18 years old, all data has been filled, and user does not already have driver’s license 5. System sends the application to be reviewed by admin |
| Exceptions | 3a User clicks on apply without completing all the required fields  4a User is not 18 or older |
| Actions | 3.1 System displays error message “The marked fields are required”  3.2 user fills in the missing information  4.1 System displays error message “User must be 18 or older” or “User already has a license” |
| Pre-condition | User is 18 or older and has not already applied for a driver’s license |
| Post-condition | Application is successfully sent to be reviewed by admin |

Use case 7

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| --- | --- |
| Usecase name | Apply for Car License |
| Actors | User |
| Main success scenario | 1. System prompts user for required information 2. User enters required information 3. User clicks on apply 4. System checks that user is above 18 years old, all data has been filled, and user does not already have Car License 5. System sends the application to be reviewed by admin |
| Exceptions | 3a User clicks on apply without completing all the required fields  4a User is not 18 or older |
| Actions | 3.1 System displays error message “The marked fields are required”  3.2 user fills in the missing information  4.1 System displays error message “User must be 18 or older” or “User already has a Car License ” |
| Pre-condition | User is 18 or older and has not already applied for a Car License |
| Post-condition | Application is successfully sent to be reviewed by admin |

Use case 8

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| --- | --- |
| Usecase name | Apply for Covid Vaccine |
| Actors | User |
| Main success scenario | 1. System prompts user for required information 2. User enters required information 3. User clicks on apply 4. System checks that all data has been filled, and user has not already applied 5. System sends the application to be reviewed by admin |
| Exceptions | 3a User clicks on apply without completing all the required fields  4a User has already applied |
| Actions | 3.1 System displays error message “The marked fields are required”  3.2 user fills in the missing information  4.1 System displays error message “User has already applied ” |
| Pre-condition | User has not already applied for the vaccine |
| Post-condition | Application is successfully sent to be reviewed by admin |

Use case 9

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| --- | --- |
| Usecase name | View medical history |
| Actors | User |
| Main success scenario | 1. User clicks on “View medical history” 2. System displays user’s hospital records |
| Exceptions | 2a User has no medical records |
| Actions | 2.1 System displays message “No medical history found” |
| Pre-condition | User is logged in |
| Post-condition | User’s medical history is displayed |

Use case 10

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| --- | --- |
| Usecase name | Apply for pension |
| Actors | User |
| Main success scenario | 1. System prompts user for required information 2. User enters required information 3. User clicks on apply 4. System checks that all data has been filled, user has not already applied, and user is eligible for pension 5. System sends the application to be reviewed by admin |
| Exceptions | 3a User clicks on apply without completing all the required fields  4a User has already applied  4b User is not eligible for pension |
| Actions | 3.1 System displays error message “The marked fields are required”  3.2 user fills in the missing information  4.1 System displays error message “User has already applied ”  4.2 System displays error message “User is not eligible for pension” |
| Pre-condition | User has not already applied for the pension User is eligible |
| Post-condition | Application is successfully sent to be reviewed by admin |