

**Authics: Secure Web-Based Automation of Our Ethical Approval Process**

**C0600**

**Use Case Descriptions**

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**Login**

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| --- | --- |
| Use Case Name | Login |
| Participating Actors | User, Database system, Admin, Applicant, Reviewer, Ethics committee member |
| Flow of Events | Normal Path   1. User enters Username and Password. 2. Authentication checks are made to verify whether the username and password is correct. 3. Database checks if it’s a match to any of the users in the database. 4. If the Users credentials are correct, then User logs in. |
| Entry Condition | * User has not logged in. |
| Exit Condition | * User logs out. |

**Logout**

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| --- | --- |
| Use Case Name | Logout |
| Participating Actors | User, Database system, Admin, Applicant, Reviewer, Ethics committee member |
| Flow of Events | Normal Path   1. User Logs out. |
| Entry Condition | * User has logged in. |
| Exit Condition | * User logs out. |

**View Profile**

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| --- | --- |
| Use Case Name | View Profile |
| Participating Actors | User, Database system, Admin, Applicant, Reviewer, Ethics committee member |
| Flow of Events | Normal Path   1. User is in the main dashboard. 2. User clicks on Profile from the side menu bar. 3. The database extracts the data for the specific user logged in. 4. The user’s personal information is displayed in a table format. |
| Entry Condition | * User has logged in. |
| Exit Condition | User logs out. |

**View User Dashboard**

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| --- | --- |
| Use Case Name | View User Dashboard |
| Participating Actors | User, Database system, Admin, Applicant, Reviewer, Ethics committee member |
| Flow of Events | Normal Path   1. User has access to the main dashboard. 2. Depending on their role whether he/she is an Applicant or Admin or Ethics committee member or Reviewer they have access to Dashboard of their assigned role or more than one role only. 3. Database checks for the user’s role and then only lets the user have access to it. |
| Entry Condition | * User has logged in. |
| Exit Condition | User logs out. |

**Create Ethics Application**

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| --- | --- |
| Use Case Name | Create Ethics Application |
| Participating Actors | User, Database system, Admin Applicant, |
| Flow of Events | Normal Path   1. User accesses applicant dashboard. 2. User clicks on create an application from the side menu bar. 3. User starts the application. 4. User enters the project details. 5. User goes to the next page. 6. User includes an applicant involved in the project and goes to the next page. |
| Entry Condition | * User has been Authenticated as Admin or Applicant |
| Exit Condition | User logs out. |

**Edit Ethics Application**

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| --- | --- |
| Use Case Name | Edit Ethics Application |
| Participating Actors | User, Database system, Admin Applicant, |
| Flow of Events | Normal Path   1. User clicks on Applicant Dashboard. 2. Database accesses all the applications linked to the user and outputs in a table view. 3. User views all the applications. 4. User finds applications where the application can be edited. 5. Database retrieves the information for that Application ID and displays in a table format. 6. User clicks on the edit button (pencil icon). 7. User makes changes under a section. |
| Entry Condition | * User has been Authenticated as Applicant |
| Exit Condition | User logs out. |

**View Ethics Application**

|  |  |
| --- | --- |
| Use Case Name | View Ethics Application |
| Participating Actors | User, Database system, Admin, Applicant, Reviewer, Ethics committee member |
| Flow of Events | A Conditional Path 1: Ethics committee member   1. User is authenticated as ethics committee member. 2. User selects Ethics dashboard in the main menu. 3. Database retrieves the Submitted Applications. 4. Select any application and click on the view button (eye icon). 5. Database retrieves the information for that Application ID and displays in a table format.   A Conditional Path 2: Reviewer   1. User is authenticated as reviewer. 2. User selects Reviewer dashboard in the main menu. 3. Database retrieves the assigned Applications to the reviewer for review. 4. Select any application and click on the view button (eye icon). 5. Database retrieves the information for that Application ID and displays in a table format.   A Conditional Path 3: Applicant   1. User is authenticated as Applicant. 2. User selects Applicant dashboard in the main menu. 3. Database retrieves the assigned Applications to the applicant . 4. Select any application and click on the view button (eye icon). 5. Database retrieves the information for that Application ID and displays in a table format.   A Conditional Path 4: Admin   1. User is authenticated as Admin. 2. User selects the Admin dashboard in the main menu. 3. Database retrieves the users who have access to the system . 4. Select any user’s dashboard and select any application and click on the view button (eye icon). 5. Database retrieves the information for that Application ID and displays in a table format. |
| Entry Condition | * User has been Authenticated as an Ethics committee member or an Applicant or an Admin or Reviewer |
| Exit Condition | * User logs out. |

**Edit Ethics Application**

|  |  |
| --- | --- |
| Use Case Name | Edit Ethics Application |
| Participating Actors | User, Database system, Applicant, Admin |
| Flow of Events | Normal Path   1. User selects Applicant dashboard. 2. Database retrieves the Applicants Applications. 3. Select any “In Progress” applications and click on the edit button (pencil icon). 4. Database retrieves the information for that Application ID and displays in a table format. 5. Once the user has edited the application they can submit or save the application. |
| Entry Condition | * User has been Authenticated as an Applicant and is the leader of the application. |
| Exit Condition | * User logs out. |

**Comment Ethics Application**

|  |  |
| --- | --- |
| Use Case Name | Comment Ethics Application |
| Participating Actors | User, Database system, Ethics Committee member, Admin, Reviewer |
| Flow of Events | Path  A Conditional Path 1: Reviewer   1. User is authenticated as a Reviewer. 2. Database retrieves the assigned Applications for review. 3. Select any “open” or “In progress” applications and click on the edit button (pencil icon). 4. Database retrieves the information for that Application ID and displays in a table format. 5. A text area is displayed under each section. The User can then Write any comments about the application. 6. Once the user has written the comments, he/she can save/submit the application.   A Conditional Path 2: Ethics committee member.   1. User is authenticated as an Ethics committee member.. 2. User selects Ethics dashboard. 3. Database retrieves the submitted Applications. 4. User can select any “Pending” applications and click on the edit button (pencil icon). 5. Database retrieves the information for that Application ID and displays in a table format. 6. A text area is displayed under each section. The User can then Write any comments about the application. 7. Once the user has written the comments, he/she can save/submit the application. |
| Entry Condition | * User has logged in. |
| Exit Condition | * User logs out. |

**Assign Reviewers**

**Create user**

|  |  |
| --- | --- |
| Use Case Name | Create user |
| Participating Actors | User, Database system, Admin . |
| Flow of Events | Normal Path   1. User is selects admin dashboard 2. User clicks on create a new user located in the side menu bar. 3. Fill out relevant information. 4. Select the appropriate role privileges. 5. Set appropriate usernames and passwords. 6. Click on confirm. |
| Entry Condition | * User has not logged in. |
| Exit Condition | * User logs out. |

**Edit User**

**Change user password**

**Change assigned role**

**View user profile**

**Delete ethics record**

**Add applicants**

**Add supervisor**

**Verify password**

**Display login error**