# USE CASE DESCRIPTIONS FOR THE LIFE PROGNOSIS MANAGEMENT

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| **Use Case Name** | New Registration |
| **Related requirements** | |
| **Goal in context** | An Admin initiate a new registration |
| **Preconditions** | The patient should have a valid email which he/she can access |
| **Successful End Condition** | A UUID is generated and sent to the provided patient email |
| **Failed End Condition** | No UUID created |
| **Primary actors** | Admin |
| **Secondary actors** | Admin |
| **Trigger** | A patient asks an admin to register him/her or an admin registers new patient |
| **Main flow** | - A patient asks an admin for registration<br>- Patient gives email<br>- Admin enters and checks the email<br>- Generate UUID code<br>- Send code to the patient email |
| **Extensions** | - The given email is not valid<br>- Failed to generate and send code |

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| **Use Case Name** | Generate UUID |
| **Related requirements** | U1 |
| **Goal in context** | Generate UUID code that patient uses to complete the initiated registration |
| **Preconditions** | Having valid email |
| **Successful End Condition** | A UUID is generated and sent to the provided patient email |
| **Failed End Condition** | No UUID generated |
| **Primary actors** | Admin |
| **Secondary actors** | Patient |

| Trigger | An admin enters patient's email |
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| **Main flow** | - Patient gives email<br>- Admin enters and checks the email<br>- Generate UUID code<br>- Send code to the patient email |
| **Extensions** | - The given email is not valid<br>- Failed to generate and send code |


| Use Case Name | Complete Registration |
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| **Related requirements** | U2 |
| **Goal in context** | Filling in personal information |
| **Preconditions** | Valid UUID code |
| **Successful End Condition** | Patient is successfully registered |
| **Failed End Condition** | No Patient is registered |
| **Primary actors** | Patients |
| **Secondary actors** | Patients |
| **Trigger** | The patients get the UUID code |
| **Main flow** | |
| **Extensions** | |


| Use Case Name | Register New Admin |
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| **Related requirements** | |
| **Goal in context** | Changing the role from patient to an Admin |
| **Preconditions** | The user should be already registered with patient as role |
| **Successful End Condition** | The role changed from patient to admin |
| **Failed End Condition** | Role remain as Patient |
| **Primary actors** | Admin |
| **Secondary actors** | none |

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| **Trigger** | An admin tend to change the role of user |
| **Main flow** | - Choose a user<br>- Change the role from patient to admin |
| **Extensions** | |

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| **Use Case Name** | Login |
| **Related requirements** | |
| **Goal in context** | Entering into the system or application |
| **Preconditions** | Already registered |
| **Successful End Condition** | User is logged in successfully |
| **Failed End Condition** | User is not logged in |
| **Primary actors** | Patient and Admin |
| **Secondary actors** | |
| **Trigger** | |
| **Main flow** | - User enters  registered email<br>- User enters  UUID or password |
| **Extensions** | |

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|---|---|
| **Use Case Name** | View Profile Data |
| **Related requirements** | login |
| **Goal in context** | User view personal informations |
| **Preconditions** | Logged in |
| **Successful End Condition** | Use view his/her own information and lifespan |
| **Failed End Condition** | Not able to view personal information |
| **Primary actors** | Patient |
| **Secondary actors** | Admin |

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| **Trigger** | |
| **Main flow** | 1. User navigates to the profile section. <br> 2. System retrieves and displays profile information. |
| **Extensions** | If retrieval fails, the system shows an error message. |

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| **Use Case Name** | Update Profile Data |
| **Related requirements** | Profile update process |
| **Goal in context** | Allowing user to update his/her personal information |
| **Preconditions** | User should be logged in |
| **Successful End Condition** | User is able to update the personal information or personal data |
| **Failed End Condition** | Profile data is not updated |
| **Primary actors** | Patient |
| **Secondary actors** | Admin |
| **Trigger** | User tends to upstate personal information |
| **Main flow** | 1. patient/admin to update profile section <br> 2. User modify whatever he wants to modify <br> 3. System saves updated profile data |
| **Extensions** | System prompt the user try again |

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| **Use Case Name** | Calculate lifespan |
| **Related requirements** | |
| **Goal in context** | |
| **Preconditions** | |
| **Successful End Condition** | |
| **Failed End Condition** | |
| **Primary actors** | |
| **Secondary actors** | |

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| **Trigger** | |
| **Main flow** | |
| **Extensions** | |

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| **Use Case Name** | Download Icalender |
| **Related requirements** | |
| **Goal in context** | |
| **Preconditions** | |
| **Successful End Condition** | |
| **Failed End Condition** | |
| **Primary actors** | |
| **Secondary actors** | |
| **Trigger** | |
| **Main flow** | |
| **Extensions** | |

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|---|---|
| **Use Case Name** | Download Data |
| **Related requirements** | Log in |
| **Goal in context** | Downloading patient information |
| **Preconditions** | Admin should be logged in |
| **Successful End Condition** | Patient information successfully downloaded |
| **Failed End Condition** | Failed to download data |
| **Primary actors** | Admin |
| **Secondary actors** | |

| Trigger | Admin download patient information |
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| **Main flow** | 1. Admin navigate to download option<br>2. System generate the patient information<br>3. An admin get a file with patients information |
| **Extensions** | If an admin is not able to download data , system prompt him to try again |