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| --- | --- |
| 1 | Use Case ID |
| Add Medicine Reminder | Use Case Name |
| Caregiver | Actors |
| * The caregiver has logged into the app. * The caregiver has access to the patient's connection | Pre-conditions |
| Reminder Patient with Medicine in Time Scheduled. | Post-conditions |
| |  |  | | --- | --- | | Caregiver action | System Action | | 1. The caregiver accesses the Medicine Reminder Manager board. | 1. The app appears to him all medicine reminder and can add new or edit specific one | | 1. selects Add option | 1. form for entering the data appear and put the required data like:  * medicine name * time * Duration of dose   Options for end medicine period | | 1. He fills the data | 1. The system verifies that the values ​​are correct and save it and redirect him to medicine reminder manager board | | Flow of events |
| |  |  | | --- | --- | | Caregiver action | System Action | | 1. Caregiver misses required fields | 1. the app displays a validation error Message | | Exceptions |

|  |  |
| --- | --- |
| 2 | Use Case ID |
| Get All/Specific Medicine Reminder | Use Case Name |
| Caregiver | Actors |
| * The caregiver has logged into the app. * The caregiver has access to the patient's connection | Pre-conditions |
| Reminder Patient with Medicine in Time Scheduled. | Post-conditions |
| |  |  | | --- | --- | | Caregiver action | System Action | | 1. The caregiver accesses the Medicine Reminder Manager board. | 1. The app appears to him all medicine reminder and can add new or edit specific one | | 1. Clicked on specific one | 1. Display all data for specific medicine reminder | | Flow of events |

|  |  |
| --- | --- |
| 3 | Use Case ID |
| Edit Medicine Reminder | Use Case Name |
| Caregiver | Actors |
| * The caregiver has logged into the app. * The caregiver has access to the patient's connection | Pre-conditions |
| Reminder Patient with Medicine in Time Scheduled. | Post-conditions |
| |  |  | | --- | --- | | Caregiver action | System Action | | 1. The caregiver accesses the Medicine Reminder Manager board. | 1. The app appears to him all medicine reminder and can add new or edit specific one | | 1. selects edit option | 1. appear form filled with old data for editing the data and can edit any of them | | 1. he saves the form | 1. The system verifies that the values ​​are correct and save it and redirect him to medicine reminder manager board | | Flow of events |
| |  |  | | --- | --- | | Caregiver action | System Action | | 1. Caregiver delete any required fields or put false values | 1. the app displays a validation error Message | | Exceptions |

|  |  |
| --- | --- |
| 4 | Use Case ID |
| Delete Medicine Reminder | Use Case Name |
| Caregiver | Actors |
| * The caregiver has logged into the app. * The caregiver has access to the patient's connection | Pre-conditions |
| Reminder Patient with Medicine in Time Scheduled. | Post-conditions |
| |  |  | | --- | --- | | Caregiver action | System Action | | 1. The caregiver accesses the Medicine Reminder Manager board. | 1. The app appears to him all medicine reminder and can add new or edit specific one | | 1. Selects delete option | 1. Display delete confirmation message | | 1. He if he presses ok | 1. The System deletes this medicine reminder as soft delete | | Flow of events |

|  |  |
| --- | --- |
| 5 | Use Case ID |
| Confirm take medicine | Use Case Name |
| Patient | Actors |
| * The patient has logged into the app. | Pre-conditions |
| The caregiver knows that the patient has taken his medicine or even will call him | Post-conditions |
| |  |  | | --- | --- | | Patient action | System Action | |  | 1. System send alert to patient to take his medicine in time scheduled   And display to him that he press confirm that he take medicine after he already take it | | 1. He presses button that confirm that he take the medicine in the time | 1. The System send notification to caregiver to knows him that patient get his medicine in time | | Flow of events |
| |  |  | | --- | --- | | Patient action | System Action | | 1. He didn’t response for his medicine reminder | 1. The System send alert to caregiver to call him manually | | Exceptions |
| System notify caregiver | Includes |

|  |  |
| --- | --- |
| 6 | Use Case ID |
| Add Safe Zone | Use Case Name |
| Caregiver | Actors |
| * The caregiver has logged into the app. * The caregiver has access to the patient's connection | Pre-conditions |
| Track if the Patient is out the safe zone in the specific time, will send alert to caregiver. | Post-conditions |
| |  |  | | --- | --- | | Caregiver action | System Action | | 1. The caregiver accesses the Safe Zone Manager board. | 1. The app appears to him all safe zones and can add new or edit specific one | | 1. selects Add option | 1. form for entering the data appear and put the required data like:  * safe zone name * period of time * choose specific location on the map   put the area he can be in the place ex. 500m | | 1. He fills the data | 1. The system verifies that the values ​​are correct and save it and redirect him to safe zone manager board | | Flow of events |
| |  |  | | --- | --- | | Caregiver action | System Action | | 1. Caregiver misses required fields | 1. the app displays a validation error Message | | Exceptions |

|  |  |
| --- | --- |
| 7 | Use Case ID |
| Get All/Specific Safe Zone | Use Case Name |
| Caregiver | Actors |
| * The caregiver has logged into the app. * The caregiver has access to the patient's connection | Pre-conditions |
| Track if the Patient is out the safe zone in the specific time, will send alert to caregiver. | Post-conditions |
| |  |  | | --- | --- | | Caregiver action | System Action | | 1. The caregiver accesses the Safe Zone Manager board. | 1. The app appears to him all safe zones and can add new or edit specific one | | 1. Clicked on specific one | 1. Display all data for specific safe zone | | Flow of events |

|  |  |
| --- | --- |
| 8 | Use Case ID |
| Edit Safe Zone | Use Case Name |
| Caregiver | Actors |
| * The caregiver has logged into the app. * The caregiver has access to the patient's connection | Pre-conditions |
| Track if the Patient is out the safe zone in the specific time, will send alert to caregiver. | Post-conditions |
| |  |  | | --- | --- | | Caregiver action | System Action | | 1. The caregiver accesses the safe zone Manager board. | 1. The app appears to him all safe zones and can add new or edit specific one | | 1. selects edit option | 1. appear form filled with old data for editing the data and can edit any of them | | 1. he saves the form | 1. The system verifies that the values ​​are correct and save it and redirect him to safe zone manager board | | Flow of events |
| |  |  | | --- | --- | | Caregiver action | System Action | | 1. Caregiver delete any required fields or put false values | 1. the app displays a validation error Message | | Exceptions |

|  |  |
| --- | --- |
| 9 | Use Case ID |
| Delete Safe Zone | Use Case Name |
| Caregiver | Actors |
| * The caregiver has logged into the app. * The caregiver has access to the patient's connection | Pre-conditions |
| Track if the Patient is out the safe zone in the specific time, will send alert to caregiver. | Post-conditions |
| |  |  | | --- | --- | | Caregiver action | System Action | | 1. The caregiver accesses the safe zone Manager board. | 1. The app appears to him all safe zones and can add new or edit specific one | | 1. Selects delete option | 1. Display delete confirmation message | | 1. He if he presses ok | 1. The System deletes this safe zone as soft delete | | Flow of events |

|  |  |
| --- | --- |
| 10 | Use Case ID |
| Track patient location | Use Case Name |
| System | Actors |
| * The patient has logged into the app and opened GPS and have internet connection | Pre-conditions |
| The caregiver knows that the patient have go out safe zone area | Post-conditions |
| System Action   1. Track patient location 2. Check if he is out of his safe zone at specific time 3. Send alert to caregiver | Flow of events |

|  |  |
| --- | --- |
| 11 | Use Case ID |
| Initial Assessment | Use Case Name |
| Patient | Actors |
| * The caregiver has logged into the app * The caregiver has access to the patient's connection * The patient has logged into the app | Pre-conditions |
| System redirects him to the main page | Post-conditions |
| |  |  | | --- | --- | | Patient action | System Action | | 1. The patient logged in. | 1. System redirects him to assessment page | | 1. Solve assessment | 1. System calculates the score, then classify his degree of disease | |  | 1. Redirect him to main page | | Flow of events |
| |  |  | | --- | --- | | Patient action | System Action | | 1. Try to exit from the app | 1. If he exits, system save its work | | Exceptions |
| 1. System Calculate score 2. Classifies degree of diseases | Includes |