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| 1 | Use Case ID |
| Medicine Reminder | Use Case Name |
| Caregiver, Patient | Actors |
| * The caregiver has logged into the app. * The caregiver has access to the patient's connects with his patient. | Pre-conditions |
| Reminder Patient with Medicine in Time Scheduled. | Post-conditions |
| add, edit, or view the medicine reminders | Trigger |
| |  |  | | --- | --- | | 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, or search on specific one | | 1. selects one option |  | | 1. select add new medicine reminder | 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 | | 1. The caregiver selects Edit medicine reminders and save the new edition | 1. The system verifies that the values ​​are correct and save it and redirect him to medicine reminder manager board | |  | 1. System send patient an alert to take medicine | | 1. Patient response if he take the dose |  | | Flow of events |
| |  |  | | --- | --- | | Caregiver action | System Action | | 1. Caregiver misses required fields | 1. the app displays a validation error Message | | 1. if the patient misses the dose or not respond | 1. System send alert to caregiver to call patient manually | | Exceptions |

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| 2 | Use Case ID |
| Safe Zone | Use Case Name |
| Caregiver, Patient | Actors |
| * The caregiver has logged into the app. * The caregiver has access to the patient's connects with his patient. | Pre-conditions |
| Track if the Patient is out the safe zone in the specific time, will send alert to caregiver | Post-conditions |
| add, edit, or view the safe zone | Trigger |
| |  |  | | --- | --- | | 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, or search on specific one | | 1. selects one option |  | | 1. select add new safe zone | 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 | | 1. The caregiver selects Edit Safe Zone and save the new edition | 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. miss required fields | 1. the app displays a validation error Message | | Exceptions |

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| 3 | 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 connects with * The patient has logged into the app | Pre-conditions |
| System redirects him to the main page | Post-conditions |
| Start the assessment | Trigger |
| |  |  | | --- | --- | | 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 |

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| 4 | Use Case ID |
| Date Reminder | Use Case Name |
| Patient | Actors |
| * The patient has logged into the app * After initial assessment | Pre-conditions |
| Reminder Patient with Dates Scheduled. | Post-conditions |
| add, edit, or view the dates reminders | Trigger |
| |  |  | | --- | --- | | Patient action | System Action | | 1. The patient accesses the Date Reminder Manager board. | 1. appears to him all Dates reminder and can add new or edit specific one, or search on specific one | | 1. selects one option |  | | 1. select add new date reminder | 1. form for entering the data appear and put the required data like:  * date time * with whom * Duration of the date * Period to alert before date * How many times to alert | | 1. He fills the data | 1. The system verifies that the values ​​are correct and save it and redirect him to date reminder manager board | | 1. The patient selects Edit date reminders and save the new edition | 1. The system verifies that the values ​​are correct and save it and redirect him to date reminder manager board | |  | 1. System send patient an alert before the date start time as he input | | 1. Patient response if he will go or cancel the date |  | | Flow of events |
| |  |  | | --- | --- | | Patient action | System Action | | 1. Miss some required fields | 1. the app displays a validation error Message | | Exceptions |