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| Use Case Name | Priority | Actor | Description | Precondition | Events |
| Select Emergency Number | High | Resident | This use case focuses on initiating emergency contact after a fall is detected. The system would automatically dial the local emergency number (based on the user's location) to connect with emergency services and dispatch help as quickly as possible. | Configure the application | 1.User opens the app for the first time  2.User finishes app configuration.  3.Opens settings. |
| Trigger Fall Test | Medium | User | Initiate a test to verify the system's fall detection capability. | System is turned on and operational. | 1. User initiates a fall test through a designated method (button press). 2. System simulates a fall scenario within the camera's view. 3. System confirms successful fall detection or indicates a failed test. |
| Receive notifications | High | User | Receive a notification about a possible detected fall. | A fall is detected | 1. Resident select the user. 2. A fall is detected for the resident. 3. The systems alerts the user. |
| Cancel Emergency Call | Low | User | Cancel an emergency call initiated by the system after a fall. | Emergency call is in progress (dialing or connected). | 1. User confirms cancellation through a designated method (button press, voice command). 2. System cancels the emergency call and provides options to contact emergency services manually (optional). |