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| **Name of Use Case:** | Unlock Door with fingerprint/passcode | | | |
| **Created By:** | CMPT 2276 Group 4 | | **Last Updated By:** | Jacob Umbach |
| **Date Created:** | 2023-03-05 | | **Last Revision Date:** | 2023-03-10 |
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| **Description:** | | Senior is able to unlock their door with their fingerprint | | |
| **Actors:** | | Senior, Lock, Door | | |
| **Preconditions:** | | 1. Lock is configured to recognize seniors’ fingerprint 2. Senior has a clean / non-obstructed recognized finger | | |
| **Postconditions:** | | 1. Fingerprint is recognized 2. Lock is unlocked 3. Door opens | | |
| **Main Flow:** | | See Sequence Diagram PDF | | |
| **Alternative Flows:** | | See Sequence Diagram PDF | | |
| **Exceptions:** | | See Sequence Diagram PDF | | |
| **Non-Functional Requirements:** | | 1. There is power to the lock / backup power supply for the lock | | |