**Arm System (page 33 from final report)**

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**Disarm System (page 43 from final report)**



**Collaboration Diagram:**

**A screenshot of a cell phone

Description automatically generated**

The Arming Controller follows the **controller** GRASP guideline since its name reflects the use case, arming the security system. It acts as the user’s interface from the actual arming procedure. It also carries the responsibilities of the devicesList class, which includes arming certain devices depending on which mode the user chooses. The devicesList class follows the **pure fabrication** guideline since it is an abstraction and artificial class of the devices class. It represents all of the devices that the arming controller would be communicating with to arm the house in the specified mode.