# Use Case: Product CRUD

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| Use Case name | **Product CRUD** | |
| Actors | Clerk | |
| Pre-conditions | Clerk has logged in the system; Clerk has inputted all required data | |
| Post-conditions | A product has been created; Products have been listed; Product has been edited; Product has been deleted. | |
| Frequency | Approx. 100 requests/day | |
| Flow of events | **Actor** | **System** |
| **Create:** | |
| 1. The clerk chooses the option to create a new product. | 2. The system presents a form for product information. |
| 3. The clerk inputs all required information about product. |  |
| 4. The clerk confirms product creation. | 5. The system reads information from the form and persists a new product. |
| **Retrieve:** | |
| 1. The clerk chooses the option to view a list of products. | 2. The system presents a list of all products. |
| **Update:** | |
| 1. The clerk chooses the option to edit the product. | 2. The system presents a form for product editing. All the information about the product is taken from the persistence. |
| 3. The clerk edits product information. |  |
| 4. The clerk confirms product editing. | 5. The system reads information from the form and looks up the product in the persistence, after which the respective values are updated. |
| **Delete:** | |
|  | 1. The clerk selects the product and chooses the option to delete the product. | 2. The system displays a prompt to the user. |
|  | 3. The clerk confirms deletion. | 4. The product is looked up in the persistence, after which it is deleted. |