**View Current Swimmers**

**Functional Requirement:**

The functional requirement of View Current Swimmers is that the application shows a list of current swimmers on the front page of the Pool Access System.

**Non-functional Requirements:**

* Customer is added to the list when checked-in
* The name appears on the front page
* When the person is selected from the list, all of their information appears, including: Name, address, date of birth, any allergies or medical conditions, and a photo of the individual.

**Task Analysis:**

1. Pool member comes to the pool and checks in with the lifeguard.
2. Lifeguard uses the system to check the member in.
3. The screen displays the member’s name in the current swimmers list.
4. The lifeguard can click on the name, view all information, and check the individual out from there.

**Design Challenges:**

* Users information must be accurate and already in the database.
* Search function must work correctly for lifeguard to check-in resident.
* Lifeguards must have a way to ensure people are removed when members forget to check out.

**Pre and post conditions:**

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| --- | --- |
| Pre-conditions | Post conditions |
| Member is registered in the system | Member checks out with the lifeguard when leaving |
| Member’s privileges are active | Members in and out time are noted in attendance log |
| Member comes to the pool and checks in |  |
|  |  |