# User Stories

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| **User Story #** | **User Story** |
|  | Pool operator (PO) can find a customer in the database. PO types-in a part of the user’s name, address, or a phone number into the search field. The system displays top matches from the database of registered pool customers (Search Form). The Search Form includes customer’s personal info (photo, name, age, phone) as well as information on entrance permission and other constraints imposed on the Customer (such as requires adult supervision) if any. |
|  | PO can see detailed information about one customer. The system displays the form with the detailed information about the customer (Detailed Form), including a photo, full name, date of birth, allergies, emergency contact information, and swimming ability. |
|  | PO can check-in a customer by clicking the respective button either on the Search Form or on the Detailed Form. In turn, the system logs the event and adds the customer to the list of current swimmers. |
|  | Pool Administrator (PA) can add a new customer to the database of registered pool customers. The system displays the Detailed Form. PA has to fill in all required fields and the system has to validate the form before storing the new record in the database. |
|  | PA can edit all customer-related information. The system displays the Detailed Form in the edit mode and updates the record only after successful validation. |
|  | PO (or PA) can view the current swimmers in the pool. The system displays information on all swimmers who have checked-in but have not checked-out in a special form (Status Form). |
|  | PO can check-out a single customer either on Status Form, Search Form, or Detailed Form. The system logs the event and eliminates the customer from the list of current swimmers. |
|  | In the Reports section, PA (or PO) can see the list of all Visits during the specified period of time. The system displays the report (Visits Report) according to the specified Start & End dates. |
|  | In the Reports section, PA (or PO) can see the list of all Customers during the specified period of time. The system displays the report (Customers Report) according to the specified Start & End dates. |
|  | In the Reports section, PA (or PO) can see the attendance statistics for the specified period of time. The system displays the report (Attendance Report) according to the specified Start & End dates. PA has to select the statistic he is interested in (minimum, average, or maximum load; total count). The system shows the report as a table, where columns represent days of the week, and rows represent hours of the day. Also, the table has aggregates for each row and each column. |