Meeting 9/29/16

Initial Database Tables

|  |  |  |  |
| --- | --- | --- | --- |
| User | Reservation | Waitlist | Room |
| ID | Reservation\_ID | Reservation\_ID | Room\_ID |
| First Name | Student\_ID | Order | Location |
| Last Name | Room\_id | Start Time/Date | Description |
| Program | Start Time/Date | End Time/Date |  |
| Email | End Time/Date |  |  |

DB thought

Columns about resources? (Ex. Projector/TV (T/F), Capacity (##), Chairs (##)) –Geo

The calendar availability is the negative view of the database. The database will only hold actual reservations.

If there is a conflict the reservation will be redisplayed to the user to confirm they want to be waitlisted.

In the event a reservation selection is longer than timeslot that is already reserved and the user confirms the waitlist the user will receive the reservations for the free timeslot and waitlisted for the remainder. If the timeslot is freed up and the reservation will go to the user and combined with any adjacent reservations.

The reserve confirmation screen for wait listing will display the free and unavailable timeslots to allow the user to remove and time they do not want in the event they do not get the room.

There should be client and server side time constraint validation.