# Team MaVeN

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## Use Cases

1. Use Case 1 - A student wants to make a reservation but is in class where he/she cannot call the CRC
   a. User opens our reservation app in his/her preferred mobile browser.
   b. Sign into the application using their Prism credentials to verify they are a current student or alumni.
   c. If the authentication fails, let the user know the sign in failed and reprompt the user for their credentials.
   d. If the authentication is successful, take the user to the main menu screen.
   e. The student selects make reservation from the main menu.
   f. The student will be able to see for each court whether there is a reservation or the court is open for each available time slot up to 48 hours ahead of the current time.
   g. The user selects an open slot and chooses make reservation.

2. Use Case 2 - Charles already makes a reservation and he wants to inform his friends about the reservation.
   a. He opens our reservation app in his preferred mobile browser.
   b. Sign into the application using their Prism credentials to verify they are a current student or alumni.
   c. If the authentication fails, let the user know the sign in failed and reprompt the user for their credentials.
   d. If the authentication is successful, take the user to the main menu screen.
   e. Select View My Reservations from the main menu.
   f. Select an existing reservation.
   g. Click Share on Facebook button.
   h. If he never uses this feature before, launch Facebook Connect application and set up credential with our application.
   i. Post on Facebook.

3. Use Case 3 - Yesterday Albert reserved a racquetball court at 7 pm. At 7 pm Albert walks to court 4 which he believes is the one he reserved. Court 4 is occupied and the players claim they reserved court four and Albert must be mistaken. Albert pulls out his mobile phone and opens the web browser.
   a. User opens our reservation app in his/her preferred mobile browser.
   b. Sign into the application using their Prism credentials to verify they are a current student or alumni.
   c. If the authentication fails, let the user know the sign in failed and reprompt the user for their credentials.
   d. If the authentication is successful, take the user to the main menu screen.
   e. The student selects View My Reservations from the main menu.

       f.   The student will be able to see his/her reservations and view what court they reserved and for what time.

4.  <u>Use Case 4</u> - The user wishes to cancel their reservation of a court.
    a.  He opens our reservation app in his preferred mobile browser.
    b.  Sign into the application using their Prism credentials to verify they are a current student or alumni.
    c.  If the authentication fails, let the user know the sign in failed and reprompt the user for their credentials.
    d.  If the authentication is successful, take the user to the main menu screen.
    e.  Select View My Reservations from the main menu.
    f.  Select an existing reservation.
    g.  Click Delete to remove the reservation.
5.  water damage to the court
    a.  admin send out notification that the reservation has been cancelled
6.  talk to crc and ask for some sort of check in system.

## Data Requirements

We will need the following:

- Access to Prism so we can verify the students who are making reservations
- Access to Facebook connect to allow users to share with their friends that they made a reservation.
- Scheduling data from the CRC for when the courts are open and closed.

## Team Organization

Our group has two categories:
- <u>Client side</u>: Kevin Johnstone and Josh Zeder.
  - Talking to server to CRUD (create, review, update, delete) reservation.
  - Talking to gtmob server to authenticate the user.
  - Talking to Facebook in order to be able to share reservation on Facebook.
- <u>Server side</u>: Michael Dandy and Jonathan Edwards
  - Handle reservation system
  - Provide available time slot for the courts
- <u>Database</u>: Michael Dandy
  - Create a DAL for the reservation system
  - Persist data in the database.