# Progress Report
## - Increment 2 -
## Group #1

### 1) Team Members

- Andrew Augustine - aea19h - Azure-Agst
- Cole Warren - cew19j - ColeWarren
- Dawson Stoller - dhs19b- stollerdaws
- Tristan Morris - tbm19a - nachonocheese
- Anthony Ingle - asi20 - ingleanthony

### 2) Project Title and Description

Florida Lottery Pool:

Our project is a web hosted interface where clients can come to the site, purchase a lottery ticket which enrolls them into a given lottery pool, the idea being that if any member of a given pool wins the jackpot, those winnings would be distributed amongst everyone in the pool. Players will be able to purchase many tickets within one pool or purchase tickets among many pools and players will be paid out proportional to the number of tickets they purchased. This project will use python to serve the backend databases and is using solidjs to structure the frontend.

### 3) Accomplishments and overall project status during this increment

Honestly, not that much that much happened this iteration, simply due to stars aligning and really knocking us off course this month. Lots of sudden changes and emergencies derailed us this month and prevented us from meeting in person every week like we had planned. This combined with the general stress of midterm season kept everyone pretty busy.

However, we still made some progress. We implemented Auth0 authentication via the frontend and backend. So now we can login on the frontend, call protected routes to the backend, and the backend can verify that we are authenticated and send back responses for those protected routes. We also implemented a profile page on the frontend to display the user information from Auth0. Also, we created a working prototype with Stripe integration with the frontend and backend connected.

### 4) Challenges, changes in the plan and scope of the project and things that went wrong during this increment

- Andrew was sick for 3 weeks and unable to contribute
- Dawson broke his collarbone and had to have surgery and recover
- Cole had a family emergency that took up a significant amount of his time

**5) Team Member Contribution for this increment**

- Progress Report
    - Everyone contributed to this document while on a big discord call; Andrew just typed everything out.
- R&D Document
    - No changes from last increment
- I&T Document
    - No changes from last increment
- Source Code
    - Cole added Auth0 support to the project and Anthony added some front end such as a navbar, home page, and a profile page that retrieves the auth0 variables such as email, and user id (sub variable).
    - Tristan added initial Stripe integration to the project and Anthony helped with bug fixing of the frontend.
- Video Presentation
    - Everyone participated in the recording of the video

**6) Plans for the next increment**

- Start by merging Auth0
- Update build pipeline to new structure (Build on merge, retag on release)
- Connect backend to database and initialize using schema if needed
- Design and program all pages needed for frontend
- Add all backend endpoints (w/ auth verification) to handle functional requirements

**7) Link to video**