



Reflecting DUCS Charter

Providing a reliable news platform for Drury and the community.

Describe Team:

We are a team of five Drury Computer Science majors working to better the consumption of news on Drury's campus. The five developers have strengths in many areas of application development which we will utilize when making the Drury Mirrors mobile app.

Members:

- Technical Product Owner - Thomas Nield
- Scrum Coach - Daniel Brinck
- Technical Leader - Thomas O'Brien
- Developers:
 - Daniel Brinck
 - Thomas O'Brien
 - Thomas Nield
 - Haley Saylor
 - Samuel Rudqvist
 - Byron King
- Client - The Drury Mirror

Values:

- All members respect each others ideas
- All members respect the client and their requests
- Members are willing and able to help each other through problems on the project

Objectives:

There are four main objectives for the mirror project:

- Launch a mobile application for the Drury Mirror on Android and iOS.
- Build a portal (admin/writer login) for the writers, editors and admins to write, edit and publish articles.
- Have the app be of a quality standard so that it can be available on the App Store.
- Have the app be of a quality standard so that it can be available on the Google Play Store.

As for the team's objectives there are two objectives:

- Work as a team to design and build the application and the portal.
- Utilize the strengths of each individual team member to make the team stronger.

Project:

Design an app for the Drury Mirror. The Drury Mirror is a campus resource allowing students to access various news articles. The app will allow students to access these news articles on their phones. The news will vary from Drury, local, national, and world news.

Communication:

The team will communicate through the mobile app named Discord to hold meetings and discuss details of the project when meetings in person are not a viable option. Continuous communication will be done with the Drury Mirror to ensure we meet their requirements and requests.

Attendance & Punctuality:

All members are expected to be present at every meeting and contribute to the meeting. Members are expected to be on time to the meetings and have the work they are given done on time as well. Valid excuses, such as a conflict with meeting schedules (classes, sport events, etc.).

Stakeholders:

- The Drury Mirror.

Constraints:

- **Time** - While the time available is two semesters, the limited experience the team has with working on a project like this makes the time a constraint to consider.
- **Risk** - The main risk with the mirror project is that the team has limited experience developing a mobile application.
- **Resources** - Server space and speed. If there is not enough storage space on the server, the news feed will have to be cut short. If the server speed is too slow the app will take a longer time to retrieve data from the server, therefore making users less likely to use it.
- **Quality** - The app needs to be of a quality so that it is scalable and it can be moved between different servers. It also needs to have a certain level of security so that it is allowed to be placed on the App Store and Google Play Store.