

Capstone Idea: A social media application for tracking archery practice and posting performance for other users to see.

The application would be designed for archers to more easily track and visualize their progression and connect with other local archers. Building this application provides an opportunity to practice creating a means of account creation, incorporating social aspects, and exploring the potential of machine learning.

- Users create an account
- Users can follow other users
- Users can create different loadouts of the archery gear they are using for a practice session. Some information added to the loadout would be:
 - Bow model
 - Draw weight
 - Draw length
 - Arrow weight
 - Arrow spine (stiffness)
 - Arrow length
 - Vane configuration
 - Broadhead or field point
- Users can upload photos of arrow groupings and can post them socially, where it can be seen by user's followers, similar to the training app Strava
- Posts will show the loadout used, distance shots were taken from
 - Time, location, and weather could be displayed as well
 - Stretch goal: use machine learning to look at uploaded photo and generate a standardized image of the grouping that can then be posted
- Traditional social media features would be available i.e. commenting, "liking" a post