

**Team Members:** Noah Aguillon, Sam Brennan, John Bukoski, Sebastian Tenorio

**Name of Project:** Duelist!

**Dependencies:** Xcode 16.4 (16F6), Swift 6.1.2, iPhone version: 13+

**Special Instructions:**

- Bluetooth enabled
- An account with the email: [DrB@gmail.com](mailto:DrB@gmail.com) and password: password has been created for testing convenience. It has friends and friend requests prepopulated. This user also has 53 wins unlocking half of the swords to help test sword customization.
- Click on users in your friends list and leaderboard to view their profiles
- A swinging motion activates a swing
- A shake of the phone turns into a block
- If one user is blocking while one attacks, no damage goes through

Feature	Description	Attribution (in %)
Login and Register	Authentication or creation of a user in the database	Sebastian (100)
UI Components	Custom buttons, lists, backgrounds, textfields, profile photo templates, etc.	John (50), Sam (45), Sebastian (5)
Navigation System	Navigation login for transferring between screens	John (95), Sebastian (5)
Database + Integration	Storing user information + integrating it with views	Sebastian (95), Noah (5)
Friend System	Sending, receiving, and accepting friend requests; maintaining friends list	Sam (80) , Sebastian (20)
Views/UI	How the different views appear to the user	Sam (80), Noah (10), Sebastian (10)
Gameplay	Core swordfighting game logic	Noah (100)
Matchmaking	Connecting two phones prior to the duel	Noah (100)
Settings	Change profile photo, toggle buttons, edit username, change theme, camera, sign	Sebastian (60) , Sam (40)

	out, notifications + reminder interval	
Leaderboard	Displays global users in order of number of wins	Sam (100)
Audio System	Sound	Noah (85), Sebastian (15)
Store	Logic for customizing a user's sword	Sam (100)
User profiles	The logic and views associated with clicking on the "profile" button or clicking on a leaderboard user or friend in your friends list and their profile being displayed	Sam (100)
Title and Loading Screens	Tap to begin title screen and waiting for battle screen	Sam (50), Noah (50)
Assets	Cleaned and integrated visual and audio files	Sam (75), Noah (25)