

Adaptabrawl — Team Contract

Course: CS5001 — Senior Design (Fall 2025 → Spring 2026)

Team Name: Adaptabrawl

Repository: <https://github.com/Kartavya904/Adaptabrawl-Senior-Design>

Faculty/Industry Advisor: TBD (approval pending)

Team Members & Contacts

- **Kartavya Singh** — Computer Science — singhk6@mail.uc.edu
Role: Netcode & Infrastructure Lead (lobbies/relay, authority model, CI/builds)
- **Saarthak Sinha** — Computer Science — sinhas6@mail.uc.edu
Role: Combat/Systems Lead (FSM, moves, status effects, condition system)
- **Kanav Shetty** — Computer Science — shettykv@mail.uc.edu
Role: UX/UI & Content Lead (HUD, input, readability, VFX/SFX, stage layout)
- **Yash Ballabh** — Computer Science — Ballabyh@mail.uc.edu
Role: Tools & QA Lead (build pipeline, training mode, telemetry & playtest ops)

Purpose & Project Focus

Build a 2D multiplayer fighting game where **attack**, **defense**, and **evasion** are all viable at once, with **adaptive match conditions** and **readable status effects**. Semester-1 delivers an online 1v1 vertical slice; Semester-2 expands content with animations upgrade and hardens online play with rules.

Meetings (Timing & Frequency)

- **Weekly Sprint Planning:** Wednesdays, 3 PM – 7 PM EST Weekly (In-Person, Task Update + Next Tasks)
- **Weekly Playtest/Review:** Fridays, 4 PM – 6 PM EST Weekly (Merging/Testing remote build)

If a member cannot attend, post notice > 24 h ahead (except emergencies) and share a written update. Meeting Times are bound to change as the semester progresses, and all team members have their schedules confirmed. Faculty Advisor May/May not be a part of the meeting but would receive a monthly email with project progress.

Team Contract Sign-Off (Approval)

By signing, each team member affirms this contract and agrees to the schedule and norms above.

-  **Kartavya Singh** | Date: 15th September 2025
-  **Saarthak Sinha** | Date: 15th September 2025
-  **Kanav Shetty** | Date: 15th September 2025
-  **Yash Ballabh** | Date: 15th September 2025

Advisor Approval:

I approve this team and the draft contract.

- _____ **Advisor (Name)** | Date: _____ | Email: _____