

Team Working Agreement

Team Name: Badass Team Name (AKA Purple Hippos)

[Note: The entire team name is “Badass Team Name (AKA Purple Hippos)”]

Members:

Erich Berger

Martin Black

Mohamed Albabatushi

Zohair Khan

Team Values

Respect:

We’ve all gone through a lot to get here. Each of us has different strengths and weaknesses, none of which make us better than anybody else. We will act like adults, focus on problem solving, and recognize we are all human.

Trust:

We will trust that our team members will give their best effort at assigned tasks in a timely manner. This will allow us to focus on our respective contributions without feeling like we also need to be constantly checking in. However, a crucial part of this is also trusting that our team members will reach out for help if they need it, before it becomes a major issue. Struggling is okay, but struggling and stubbornness are not.

Graciousness:

We’ll all make mistakes at some point. That’s okay, it’s how we learn! When we mess up, we are responsible to alert the team, understanding that there is no blame involved. We will then decide how we want to proceed based on the specific situation.

When someone else messes up, we are responsible for treating them with respect and grace. We may have made the same mistake given a different circumstance. If needed, we will help our teammates fix the mistake or trust in their plan to fix it themselves.

Equity:

Not every task will be comparable in terms of length or difficulty. Instead of worrying about making sure everyone contributes an exactly equal amount, we will strive to have everybody contribute equal effort throughout the whole course of the project. This means that some may work harder at some points than others, but it will average out. Everybody has different strengths, and an easy task for one of us may not be easy for the rest.

Communication:

Good communication can prevent problems from happening. Bad communication can make problems out of small issues. Problems should be brought up before they fester. Updates on individual progress help others understand where we’re at, and regular updates will help keep momentum on the project, as well as keep us aligned in what we’re doing.

Compromise:

None of us will have this project play out in exactly the way we would do it ourselves. However, this is counteracted by the fact that we can accomplish more together than what we could individually. There are multiple ways to solve problems, and getting hung up on doing it exactly our own way will lead to major issues. We may have to let go of our opinions and compromise, knowing that suboptimal solutions are still solutions. Everyone will have to give and take to some extent.

Change:

We always make plans and those plans never work out exactly how we planned them. That is just how the world works. What we can do about it is adapt. It helps to anticipate changes. But we'll never know how plans change exactly, so what we need to do is deal with change as a team to remain effective. If our plans change, fine. If the amount of work we can commit changes, that's fine. If the requirements for a feature change, that's also fine. As long as we communicate and work together to adapt, it's going to work out.

How we will resolve conflict

1. Mindset: Our teammates are people to solve problems with, not the problems themselves.
 - a. Eg. "Hey, I've noticed that you've been doing _____. I think it's a problem because _____ Can we talk about it?" vs. "This person sucks, they're always doing x." Don't hold grudges, talk it out!
2. Try to work it out with the person. Have a direct conversation in private, not in front of the group. If the problem is with the group, feel free to share but understand that you may have to compromise.
3. Find some actionable solution together. If struggling to figure it out, reach out to other group members or the professor for help solving it.

Strengths and Skills:

Erich		Zohair		Martin		Mohamed	
Comfortable with	Want to learn/improve	Comfortable with	Want to learn/improve	Comfortable with	Want to learn/improve	Comfortable with	Want to learn/improve
HTML CSS C Java SQL Go PHP Making code more efficient Data structures Server-side dynamic pages Public Speaking	Code deployment, managing resources, edge computing, creating actual tests, Docker, dynamic styling	Python Java C/C++ Unit Testing Web Scraping Algorithms/ Data Structures SQL (Preferably MySQL/SQLite) HTML/CSS/JS APIs	AWS NoSQL Databases Docker Web Hosting node.js REACT	Coding Networking Math Data Analytics APIs AI Backend	Frontend Infrastructure Databases	Java Python ERD diagram Sprints and updates Research and Development Web hosting HTML C/C++/C# .NET Presentation and Speaking/ Demos	Web development AI Backend Dev.

Shared:

HTML/CSS/JS

C/C++

Java

Python

SQL

APIs

Data Structures

Public speaking

Opportunities to Learn and Grow

Working together as a group:

As students, we don't often have the opportunity to work in groups, but in the real world, we will almost always have to do so. This is a great opportunity to get some experience in that regard.

Employing Agile methodologies:

Similarly, Agile methodologies are very common in the industry, and familiarizing ourselves will give us a crucial advantage in the field.

Splitting up tasks so they are actually more efficient with more people:

Also related to group work, effectively delegating and sharing responsibilities is a very useful skill.

Learning new technologies and frameworks:

As with any project, we have the opportunity to do something new. We are trying to solve a new problem, and as such, we will encounter new problems and need to use new tools to solve them.

Assigning tasks to people they might not entirely be comfortable with, but are willing to research:

In a job, we often cannot choose our responsibilities and we have to move outside of our comfort zones. Practicing this is often hard and uncomfortable, but it is crucial.

Team norms

Uphold team values:

The team values are the foundation of everything we do. As long as we adhere to them, we can succeed.

Show up on time:

We are all busy, and it's fine that someone cannot make it to a meeting, or that planning the schedule is difficult. But that is why it's important to follow the schedule as long as we can. If something comes up last minute, that's fine. But otherwise we should strive to always be on schedule so we can work effectively.

Bring up issues and deal with them as soon as they happen:

Issues tend to grow and escalate over time, so burying them is never a good idea. If an issue arises, either in the technical side or the group work side, we should strive to catch it and deal with it in time, before it gets worse.

Follow conflict resolution steps:

Effective conflict resolution has steps for a reason. Following them leads to better and faster resolution, so we can all move on.

Communicate respectfully in a timely manner:

Similar to previous points, we are all busy and have tight schedules. Communicating early leads to a more efficient group.

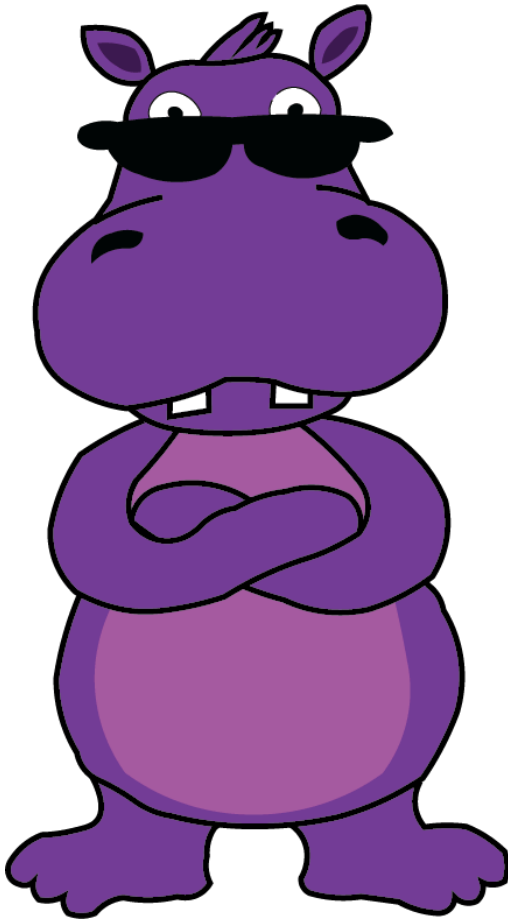
Do the best we can

We all make mistakes, and that's fine. As long as we try, we can succeed in the end.

Have fun

We all got into computer science because we enjoy it, and we should always keep that in mind. Otherwise, what's even the point?

Mascot



Signatures

Martin Black

Mohamed Albatushi

Zohair Khan

Erich Berger