

# CIS 5520 Project proposal

- Group members: \_\_\_\_\_
- Github ids: \_\_\_\_\_
- Project title: \_\_\_\_\_

## 1. Overall goal

*one-paragraph description*

## 2. Use case

*an example showing how your program/library will behave under some typical usage scenarios. (Include two or three different use cases if this makes sense.)*

## 3. Project architecture

*A sketch of how you plan to break the problem down into loosely coupled modular components. Your project should be comprised of more than one Haskell module.*

## 4. Testing

*Thoughts about how you might test the project. In particular, you should describe (informally) at least one quickcheck property that makes sense for (a part of) your project. If you cannot think of a property to check with quickcheck, then you may need to choose a different topic.*