**High level requirements for Project 2:**

- *Application must leverage the full stack:*

+ RDBMS for persistence

+ API built with Java 8

+ UI built with Angular 7+

- *Technology framework requirements:*

+ Java API will use Hibernate to communicate with RDBMS

+ Java API will leverage the Spring Framework (Spring Boot/Data is not permitted)

+ Java API will be RESTful (@Restcontrller versus @controller)

- *Other requirements:*

+ Application will demonstrate at least ten individual user stories

+ Application will leverage at least one external API

+ Application's own data model must be sufficiently complex (i.e. >2 tables)

+ RDBMS will be deployed to the cloud (AWS RDS)

+ Java API will be deployed to the cloud (AWS EC2 / 4GB Droplet on Digital Ocean instead)

+ Angular UI will be deployed to the cloud (AWS S3)

+ Pipeline tools: Utilise any of your choosing, AWS CodePipeline/CodeBuild/Elastic Beanstalk OR Jenkins OR TravisCI, etc.

+ Unit testing and e2e testing.

+ BONUS: Accessibility features.

The project concepts must be approved by me. Remember to keep user stories clear and unambiguous. Keep in mind that you only have 2 weeks to work on this project so make your MVP something attainable.

In addition to your project proposal, teams should also structure themselves with one team leader and one scrum master. Additional roles can be specified e.g., Gitflow manager and DevOps engineer (but this is not mandatory).

Please create a Project template that include the following information to present to your project idea:

Project Name:

Team Name:

Project goal(s)/problem statement:

User roles: