

## **Quarantine Gang Team Contract**

### **Team Members**

Mason Davy - Algorithm optimizations

- Will be responsible for eliminating performance bottlenecks and improving application responsiveness
- Will handle language interop where needed

[davymp@mail.uc.edu](mailto:davymp@mail.uc.edu)

Andy Greer - QE

- Will be responsible for discovering and notifying team of bugs
- Will create test to ensure the product meets design criteria

[greeraw@mail.uc.edu](mailto:greeraw@mail.uc.edu)

Matthew Kuhr - Application Design

- Will brainstorm User Stories and develop strategies to tackle them
- Will complete issues that require marching band knowledge

[kuhrmw@mail.uc.edu](mailto:kuhrmw@mail.uc.edu)

Benjamin Middleton - GUI Development and Project Management

- Will be responsible for tracking project progress by way of developing a WBS, etc.
- Will be assigned Qt GUI tasks by default

[middlebo@mail.uc.edu](mailto:middlebo@mail.uc.edu)

Roles can have some overlap and are not set in stone.

### **Commitments**

- See the project through
- Make reportable progress at regular intervals
- Tackle the work associated with our assigned roles

### **Team Meetings Participation**

Short in-person meetings three times a week (we all have a class together)

Longer remote meetings at least once a week for more in depth discussion

### **Project Focus**

We want to create a tool related to the creation of drills for marching bands. That is, the visual aspect of marching band. Our core idea involves an image-to-drill converter that ensures the created drill is possible for the performers to march and the ensemble is able to maintain musical cohesiveness in and between the set of a drill.

Other specific deliverables will be laid out in the task list, but will likely include compatibility with industry-standard drill creation applications, drillset optimizations and recommendations, and pathing optimizations.

### **Electronic Signatures**

Benjamin Middleton

Mason Davy

Andy Greer

Matthew Kuhr