Project Title: User-friendly stylus and video surface CAD system

Student Names: Faraz Ahmad, Paul Peeling, and Jeremy Schwartz

TA Name: Charlie Kehoe

TA Signature/Date:

**Design**

☐ State transition diagrams, Block Diagrams, Code for position module (Jeremy)

☐ State transition diagrams, Block Diagrams, Code for command module (Paul)

☐ State transition diagrams, Block Diagrams, Code for video module (Faraz)

**Functionality**

☐ Demonstrate accurate detection of the stylus position (Jeremy)

☐ Demonstrate ability to draw shapes, snap to grid, and change properties (Paul)

☐ Demonstrate video output to stylus surface (Faraz)

**Discussion**

☐ Can the project be extended (time permitting) into a full-fledged CAD system?

Does the system perform more efficiently than an equivalent software package?

How could performance be improved?