1. Requirements – Everyone – 1 day – No Dependencies

2. Design Theory

a. Develop vocabulary and low-level parameters – Vernon, Mark – 7 days – Depends on (1)

b. Match low-Level parameters to high-level parameters – Vernon, Mark – 5 days – (2a)

c. Design algorithms – Vernon, Mark – 3 days – (2b)

d. Document – Charm, Francis – 1 day – (2c)

3. Implement Theory

a. Implement matching of parameter based composition – Vernon, Mark – 3 days – (2c)

b. Implement automation of parameters – Vernon, Mark – 3 days – (2b)

c. Implement support for user input – Vernon, Mark – 2 days – (2b)

d. Document – Charm, Francis – 1 day – (3a), (3b), (3c)

4. Make GUI

a. Reconfigure GUI library – Vernon – 1 day – No Dependencies

b. Decide visual theme - Everyone – 1 day – (1)

c. Design simple user interface – Charm, Francis – 5 days – (4a), (4b)

d. Implement animations and advanced interface – Charm, Francis – 7 days – (4c)

e. Document – Charm, Francis – 1 day – (4d)

5. Integration

a. Integrate GUI and input/output of program – Vernon, Mark – 4 days – (3a), (3b), (3c), (4d)

b. Document – Charm, Francis – 1 day – (5a)

6. Test - Everyone – 5 days – (5a)

7. Maintain – Everyone – Indefinite – (5a), (6)