**Project Timeline:**

* Discuss ideas and come up with overarching plan for project - Suhani
  + Delegate tasks to everyone
* Create outline of stuff needed for the project (i.e. classes/inheritance, general architecture, what functions we need etc.) - Suhani
* Make the project
  + Clothing class + derived classes (headwear, top, jacket, bottom, footwear)
    - Create clothing objects that are created from images (fstream type stuff) - Suhani
  + RGB data functions
    - Read in RGB values - Marghe + Suhani
    - Compute average RGB values - Suhani
    - Function that takes the RGB values and outputs a color - Tara
  + Texture function
    - Find github repository compatible with our project that does texture analysis of images - Tara (didn’t end up happening)
  + Match Function
    - Write function that based on color data, tells if clothing articles match - Tara
  + Create interface
    - Make terminal/App, buttons etc. - Marissa
  + Main file
    - Integrate these functions together - Suhani
* Integrate Front-end + back-end code
* Write up documentation
* Make Video

**\*Primary timeline is shown below**

**Preliminary Calendar (from meeting on 11/27):**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **SUN** | **MON** | **TUES** | **WED** | **THURS** | **FRI** | **SAT** |
| **27**  Team Meeting 1:  Discuss logistics  Plan/distribute workload | **28**  -Ask Densmore about classes for clothes  -ask also about image processing  -set up office hours w Densmore at some point (Sat) | **29**  *Begin coding individually* | **30** | **1**  Text/update each other accordingly today  (Maybe everyone sends an update) | **2** | **3** |
| **4**  Midpoint, halfway until deadline  **Due:** As much code as you can done , check in w Densmore, ask any questions. | **5** | **6** | **7**  Team Meeting 2: discuss next steps based on current work | **8** | **9**  Meet to understand openCV | **10**  Begin/finish video demonstration  Complete statement of work  Team Meeting: implement openCV and if not, decide next steps |
| **11**  Final changes/edits to project  Attempt integrating interface and image processing code together | **12**  Finalize changes, submit  Project Due 11:59pm |  |  |  |  |  |