

Liquid Rescaling

27-Oct-2017

Group 35

https://gitlab.cas.mcmaster.ca/shahhk2/3XA3_Team_35

Project manager

Marlee Roth

Project dates

29-Sep-2017 - 6-Dec-2017

Completion

45%

Tasks

15

Resources

3

The purpose of a seam carving algorithm is to intelligently scale an image in order to prevent the deformation of important features. The algorithm finds seams within the image and removes the ones that will affect the image the least, preserving a clear image containing significant features. A seam is vertical or horizontal sequence of pixels of least significance, each of which only have one pixel per row or column (depending on the orientation of the seam).

Tasks

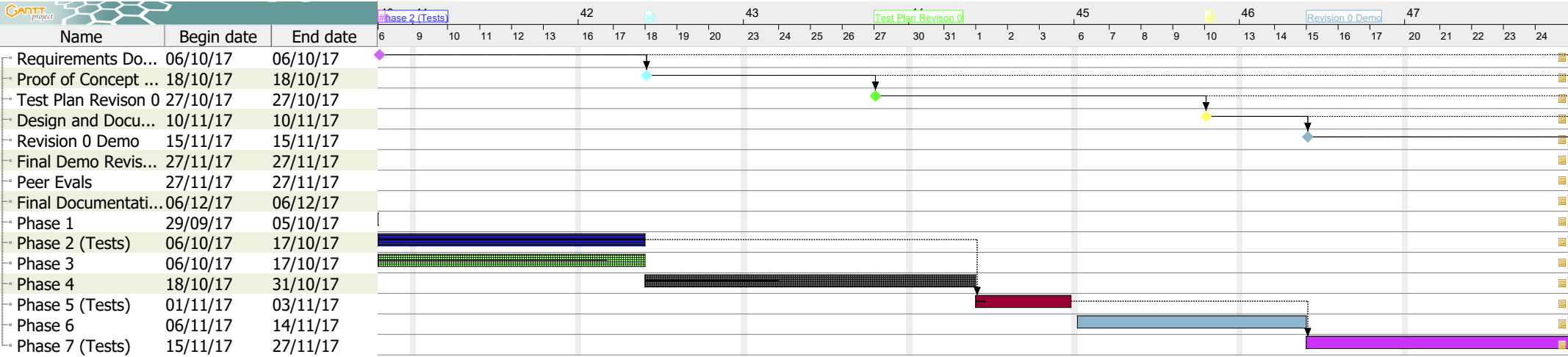
2

| Name | Begin date | End date |
|---|------------|----------|
| Requirements Documents Revision 0 5% | 06/10/17 | 06/10/17 |
| Proof of Concept Demo 6%* | 18/10/17 | 18/10/17 |
| Test Plan Revision 0 5% | 27/10/17 | 27/10/17 |
| Design and Documentation Revision 0 5% | 10/11/17 | 10/11/17 |
| Revision 0 Demo 6%* | 15/11/17 | 15/11/17 |
| Final Demo Revision 1 30%* | 27/11/17 | 27/11/17 |
| Peer Evals 2%* | 27/11/17 | 27/11/17 |
| Final Documentation Revision 1 30% | 06/12/17 | 06/12/17 |
| Phase 1 <i>Set up Application Foundation</i> | 29/09/17 | 05/10/17 |
| Phase 2 (Tests) <i>Test Application Foundation - The program can take an image and save an image, test with different file ending, save with existing name, upload non-png files, upload very large files, ect</i> | 06/10/17 | 17/10/17 |
| Phase 3 <i>Learn to implement C++ Library</i> | 06/10/17 | 17/10/17 |
| Phase 4 <i>Implement Libraries</i> | 18/10/17 | 31/10/17 |
| Phase 5 (Tests) <i>Test C++ Libraries Implementation - Test function in the library give expected outputs. Make sure image is scaling correctly, ect.</i> | 01/11/17 | 03/11/17 |
| Phase 6 <i>Finalise Application</i> | 06/11/17 | 14/11/17 |
| Phase 7 (Tests) <i>Test Project - Make sure entire application is functioning properly, all test specified in test pain have been run successfully.</i> | 15/11/17 | 27/11/17 |

Resources

| Name | Default role |
|--------------|-----------------|
| Daniel Wolff | developer |
| Harsh Shah | doc writer |
| Marlee Roth | project manager |

Gantt Chart



Resources Chart

