## **Liquid Rescaling**

6-Oct-2017

https://gitlab.cas.mcmaster.ca/shahhk2/3XA3 Team 35

Group 35

Project manager Marlee Roth

**Project dates** 29-Sep-2017 - 6-Dec-2017

Completion15%Tasks15Resources3

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).

Liquid Rescaling

## Tasks

Name	Begin date	End date
Requirements Documents Revision 0	06/10/17	06/10/17
Proof of Concept Demo 6%*	18/10/17	18/10/17
Test Plan Revison 0 5%	27/10/17	27/10/17
Design and Documentation Revision 0	10/11/17	10/11/17
Revision 0 Demo 6%*	15/11/17	15/11/17
Final Demo Revison 1 30%*	27/11/17	27/11/17
Peer Evals 2%*	27/11/17	27/11/17
Final Documentation Revision 1	06/12/17	06/12/17
Phase 1 Set up Application Foundation	29/09/17	05/10/17
Phase 2 Test Application Foundation	06/10/17	17/10/17
Phase 3 Learn to implement C++ Library	06/10/17	17/10/17
Phase 4 Implement Libraries	18/10/17	31/10/17
Phase 5 Test C++ Libraries Implementation	01/11/17	03/11/17
Phase 6 Finalise Application	06/11/17	14/11/17
Phase 7 Test Project	15/11/17	27/11/17

2

6-Oct-2017

Liquid Rescaling

6-Oct-2017

## Resources

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

3

Liquid Rescaling 6-Oct-2017

4

**Gantt Chart** 

January Jine	A										
GANTT project	>		#hase 241		42	43 Test P	an Revison 0	45	46 Revision 0 Demo	47	Peer Evals
Name	Begin date	End date	6 9	10 11 12 13	16 17 18 19 20	23 24 25 26 27	30 31 1 2 3	6 7 8 9 10	13 14 15 16 17	20 21 22 23 24	27 28
┌ Requirements Do	06/10/17	06/10/17	•		<b>—</b>						
Proof of Concept	18/10/17	18/10/17			<u> </u>	<b>T</b>					
- Test Plan Revison 0	27/10/17	27/10/17				<u> </u>		<b>+</b>			
→ Design and Docu	10/11/17	10/11/17						<u> </u>	<b>V</b>		
Revision 0 Demo	15/11/17	15/11/17							<b>*</b>		<b>T</b>
Final Demo Revis	27/11/17	27/11/17									<u> </u>
→ Peer Evals	27/11/17	27/11/17									<u> </u>
Final Documentati	. 06/12/17	06/12/17									
- Phase 1	29/09/17	05/10/17									
Phase 2	06/10/17	17/10/17									
→ Phase 3	06/10/17	17/10/17									
→ Phase 4	18/10/17	31/10/17									
→ Phase 5	01/11/17	03/11/17									
- Phase 6	06/11/17	14/11/17									
└ Phase 7	15/11/17	27/11/17									

Liquid Rescaling 6-Oct-2017

5

## **Resources Chart**

. 100001	O i i a i c																																						
GANTT		<b>∰</b> 0	41					42		#2			43				Test F	Plan Re	vison 0				45				#6	46		Revis	ion 0 D	emo	47					Peer	Evals) Re
Name	Default role	6	9	10	11	12	13	16	17	18	19	20	23	24	25	26	27	30	31	1	2	3	6	7	8	9	10	13	14	15	16	17	20	21	22	23	24	27	28
+ Harsh Shah do	nc writer	90% 30%	90%					90%		50%			50%				50%	50%					40% 30%				40% 30%	40% 30%		20% 20%			20%					20%	
Marlee Roth	roiect man	80%	80%					80%															30%				30%	30%		20%			20%					20%	