#### **Test Icicles**

Project manager

**Project dates** 30-Sep-2017 - 7-Dec-2017

Completion0%Tasks40Resources3

An arcade style pinball game that can be played on any device.

# Tasks

Name	Begin date	End date
Write Requirements Doc	30/09/17	05/10/17
Requirements Doc Due	06/10/17	06/10/17
Implementation	07/10/17	05/11/17
Design Map	07/10/17	11/10/17
Add menus and game over screens	12/10/17	13/10/17
Create Physics for map	14/10/17	17/10/17
Add ball	18/10/17	21/10/17
Add functionality to bumbers and other aspects of map	22/10/17	26/10/17
Add scoring system	27/10/17	31/10/17
Add lives	01/11/17	04/11/17
Add Ball Shooting Mechanism	05/11/17	05/11/17
Unit Testing	05/11/17	12/11/17
Ball Shooting Mechanism	05/11/17	05/11/17
Gravity	06/11/17	06/11/17
Bumbers	07/11/17	07/11/17
Scoring	08/11/17	08/11/17
Menus	09/11/17	09/11/17
Keeping track of score	10/11/17	10/11/17
Test Shooting Mechanism	11/11/17	11/11/17
Test bumber-ball collision	11/11/17	11/11/17
Test wall-ball collision	11/11/17	11/11/17
Test flippers-ball collision	11/11/17	11/11/17
Test game over once ball bypasses flippers	11/11/17	11/11/17
Test scoring system of individual entities	11/11/17	11/11/17
System Test	12/11/17	12/11/17

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## Tasks

Name	Begin date	End date
Check Requirements are met	13/11/17	14/11/17
Functional Requirements 1 through 6	13/11/17	13/11/17
Quality Requirements	14/11/17	14/11/17
Look and feel	14/11/17	14/11/17
Usability Requirements	14/11/17	14/11/17
Performance Requirements	14/11/17	14/11/17
Operational Requirements	14/11/17	14/11/17
Maintainability and Portability Requirements	14/11/17	14/11/17
Security and safety requirements	14/11/17	14/11/17
Legal Requirements	14/11/17	14/11/17
Rev 0 Demo	15/11/17	15/11/17
Prepare Final Demo	16/11/17	20/11/17
Final Demo	27/11/17	27/11/17
Final Doc Due	06/12/17	06/12/17
	06/12/17	06/12/17

7-Dec-2017

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### Resources

Name	Default role
Andrew Bennett	undefined
Teodor Tomescu	undefined
Kyriakos Kyprianou	undefined

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### **Gantt Chart**

GANTT. project	<b>7</b>	October 2017	quirements Doc Due				November 2017	Rev 0	Demo	Final Demo	December 2017
		Week 40	Week 41	Week 42	Week 43	Week 44	Week 45	Week 46	Week 47	Week 48	Week 49
Name Begin dat Write Requir 30/09/17	e End date 05/10/17	01/10/17	08/10/17	15/10/17	22/10/17	29/10/17	05/11/17	12/11/17	19/11/17	26/11/17	03/12/17
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Design 07/10/17	11/10/17										
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<ul> <li>Create P 14/10/17</li> </ul>	17/10/17										
Add ball 18/10/17	21/10/17										
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<ul> <li>Add scor 27/10/17</li> </ul>	31/10/17										
<ul> <li>Add lives 01/11/17</li> </ul>	04/11/17										
<ul> <li>Add Ball 05/11/17</li> </ul>	05/11/17										
□ • Unit Testing 05/11/17	12/11/17										
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<ul><li>Gravity 06/11/17</li></ul>	06/11/17										
<ul> <li>Bumbers 07/11/17</li> </ul>	07/11/17										
<ul> <li>Scoring 08/11/17</li> </ul>	08/11/17										
<ul><li>Menus 09/11/17</li></ul>	09/11/17										
<ul><li>Keeping 10/11/17</li></ul>	10/11/17										
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<ul><li>Test gam11/11/17</li></ul>	11/11/17										
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<ul><li>Look an 14/11/17</li></ul>	14/11/17										
<ul><li>Usability14/11/17</li></ul>	14/11/17										
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<ul><li>Maintain 14/11/17</li></ul>	14/11/17										
<ul> <li>Security 14/11/17</li> </ul>	14/11/17										
<ul> <li>Legal Re 14/11/17</li> </ul>	14/11/17										
<ul> <li>Rev 0 Demo 15/11/17</li> </ul>	15/11/17							<u> </u>			
<ul><li>Prepare Final16/11/17</li></ul>	20/11/17										
• Final Demo 27/11/17	27/11/17									<b>•</b>	
☐ ● Final Doc Due 06/12/17	06/12/17										
• 06/12/17	06/12/17										

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### **Resources Chart**

GANTT. project	285	October 2017	Requirements Doc Due			November 2017			Rev 0 Demo Final Demo C		December 2017
Name	Default role	Week 40 01/10/17	Week 41 08/10/17	Week 42 15/10/17	Week 43 22/10/17	Week 44 29/10/17	Week 45 05/11/17	Week 46	Week 47	Week 48 26/11/17	Week 49 03/12/17
Andrew Bennett	undefined							50% 50%			
	undefined							50% 50%			
Kvriakos Kyprianou	undefined							50% 50%			

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