Design Inspection, Code Inspection & Unit Testing
Sprint 2
Team 1

Christopher Wirt, Manik Kalra, Scott Little, Krishnabh Medhi, Kartik Sawant

Design Inspection

Product	Gif-Maker Design Inspection		
Date	02/11/15		
Author	Gif-Maker Team		
Moderator	Scott Little		
Inspectors	Christopher Wirt, Kartik Sawant, Manik Kalra, Krishnabh Medhi, and Scott Little		
Recorder	Krishnabh Medhi		
Defect #	Description	Severity	Correction
1	Application only works on Chrome browser	1	Change Polymer code to Angular directives for better Firefox compatibility
2	renderUniverse() does not work due to unspecified width and height, and hence does not allow uploading images	1	Add placeholder values to width and height which are replaced with the dimensions of the first image uploaded
3	Creating dynamic pages using HTML and CSS is not ideal.	2	Use Angular.js to extend HTML functionality

4	Adding a lot of third party JavaScript libraries was messy, and hard to keep track of	3	Use Bower as a package manager for the project

Code Inspection

Product	Gif-Maker Code Inspection		
Date	02/11/15		
Author	Gif-Maker Team		
Moderator	Christopher Wirt		
Inspectors	Christopher Wirt, Kartik Sawant, Manik Kalra, Krishnabh Medhi, and Scott Little		
Recorder	Kartik Sawant		
Defect #	Description	Severity	Correction
1	Input type number was not restricting field to number type	3	Added custom validation code
2	ng-model association was updating universe even with unvalidated input	1	Manually update universe upon validation otherwise restore old value
3	Entire control panel did not appear	1	Add proper imports
4	Filename input was accepting invalid filenames.	2	Modify regular expression to correctly validate filenames

Unit Test

Product	Gif-Maker Unit Testing		
Date	02/11/15		
Author	Manik Kalra		
Defect #	Description	Severity	Correction Criteria
1	When downloading file, jpg file is downloaded instead of gif.	1	Correct file return type.
2	When using the application on Firefox, the filmstrip is not visible to the user	1	Change Polymer code to Angular directives
3	When closing the tab and reopening the same tab using "control + t", made gif is not saved.	2	Periodically save application data to local storage.
4	When pictures of different resolutions are added, the final gif is made up of frames of different resolutions.	3	Set the default height and width of the final gif as the height and width of the first uploaded image.