Code Workstation

Status Report 1

9/9/2015 - 9/23/2015

https://github.com/lrickard/CodeWorkstation/wiki
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Project Schedule

Current Schedule

9/11/2015 - 9/23/2015 - Create outlines for all documents
9/11/2015 - 9/23/2015 - Figure out likely licensing
9/11/2015 - 9/23/2015 - Have considerable content in Requirements Analysis Document
9/11/2015 - 10/7/2015 - Figure out some likely APIs and Libraries
9/24/2015 - 10/7/2015 - Test out one of the APIs or Libraries
9/24/2015 - 10/28/2015 - Begin sketching plan of attack
9/24/2015 - 10/28/2015 - Create Content for Design Document
9/24/2015 - 12/2/2014 - Gather data from peers on which features would be most appreciated
10/8/2015 - 11/13/2015 - Create draft of Design Document
10/8/2015 - 11/13/2015 - Test remaining likely APIs
10/29/2015 - 11/13/2015 - Begin Final draft for Design document
11/13/2015 - 12/2/2015 - Finish 75% of test plan
(Some testing to be determined by what is programmed by us and what we use that's already made)
11/13/2015 - 12/2/2015 - Revise Requirements Analysis documents based on Design
11/13/2015 - 12/2/2015 - Testing API/Library integration and feature compatibility
11/13/2014 - 12/2/2015 - Create plan of attack for implementation based on Design and integration testing

Code Workstation Gantt Chart	9/11	9/18	9/25	10/2	10/9	10/16	10/23	10/30	11/6	11/13	11/20	11/27	12/4
Create docs outlines	███	███	███										
Figure out likely licensing	███	███	███										
Begin filling in RAD	███	███	███										
Figure out likely APIs and libraries	███	███	███	███	███								
Begin testing APIs and/or libraries			███	███	███								
Begin sketching plan of attack			███	███	███	███	███	███					
Create content for design doc			███	███	███	███	███						
Gather data on appreciated features			███	███	███	███	███	███	███	███	███	███	███
Create draft of design doc					███	███	███	███	███				
Test remaining likely APIs					███	███	███	███	███				
Begin final draft for design doc								███	███	███			
Finish 75% of test plan										███	███	███	███
Revise RAD based on design doc										███	███	███	███
Testing API/library integration										███	███	███	███
Create plan for implementation										███	███	███	███

Schedule Changes

This is the first status report so there are no previous schedules to be diverging from. We expect this will be the only week where our plans do not change at least a little bit.

Current Status

We have not started writing any code but we have been adding and removing things from our plan. This deliberation has help us come to a clearer understanding of what we want our software to do. We have started, but are not completed with deciding which features hold the highest priority. Currently we value the automatic command refreshing and the customizable buttons the most. This leaves Box snapping/docking and text editing commands as a second priority. We expect these priorities to change at least a little bit when we figure out which features are more easy or practical to implement. We are at least a decent chunk into the process of defining the features and scope of our software.

Once we have some design documents we can start creating a plan of attack for the actual coding and feature integration, but at the moment we are concerned most about the utilities that our software will provide to users.

Plan for 9/24/2015 - 10/7/2015

Start on:

Testing out one of the APIs or Libraries
Begin theoretical plan of attack (Integration/coding approach)
Gathering data on which features will be most appreciated
Creating Content for System Design Document

Work on most:

1. Adding content (90%) to the Requirement Analysis Document
2. Gathering data on which features will be most appreciated
3. Content for Design Document

Finish:

Creating a list of likely APIs and Libraries

Challenges and Concerns

We are concerned that our plans at this point might not line up with what is practical to our integrations. We don't want to concentrate on features if they are going to be unrealistic to customize to work with. There is also same concerns about what features will actually be valued the most by users. We don't want to spend too much time fleshing out or even planning features that will not be appreciated. We added gathering data on this subject to our long term plan.

Updated Artifacts

Included with Update

Project Proposal - Unchanged but present in update for first time
Requirements Analysis Document - Now included some content
Created Wiki and Repository

NOT Included in Update

System Design Document - Not started
Test Plan - Not started
Implementation Code - None exists yet