

# Criterion B: Record of tasks

Task Num	Planned action	Planned outcome	Target date	Notes
1	Getting OpenCV to work with vs2017 (Visual Studios 2017)	For it to just function	NA	It was a long process, and some issues were not well-documented due to the fact that the documentation was made for the 2010 version of visual studios.
2	OpenCV testing	To know how to do the very basics of OpenCV	NA	This was just to test commands like imread and imshow and other basic commands.
3	Training algorithm using correlation	To have a simple correlation algorithm that finds similarities in images	Sep 1	This proved to be a much harder task than I thought. It took all the way to Sep 29th to complete. Never made it adjust rotation or scale when finding the best correlation.
4	Store and retrieve keywords	To use MongoDB as a way of saving images	Sep 8	Did not use Mongo just used the Windows file system with Boost. I could not do this until I finished the Training algorithm.
5	Make an object position candidate accumulator.	Finds how likely the object is to be in each stop in the images.	Sep 29	Finished this task on Oct 6
6	Finds the peaks in the accumulated data.	To find the places most likely to be objects. The places with the highest "votes."	Oct 6	Finished on Oct 13
7	Indicate where the objects are	Draws a rectangle around the object	Oct 13	First thing I finished on my due date. Although it does not draw a rectangle as initially planned, it draws a dot. At this point the code did not work, just most of the ideas and methods were done and all that was left was working out why it did not work and making the modification to fix it.
8	Have a Config file	A file where the user can adjust settings	NA	This went under many revisions and remakes.
9	A lot of modification	Have working code.	Nov 3	A lot of code did not work as I wanted it to.
10	Bug fixes	Have working code.	Nov 3	There were a lot of small bugs.

11	Testing and adjusting settings to get the best results.	Get the best results	Nov 3	That's all there was to it.
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