

## Record of Tasks

Planned Task	Task Outcome	Duration Estimation	Target Deadline	Delays	Criterion
Start Record of Tasks Table	-Set up document to track future tasks	1 minute	May 1st 2024	None	B
Identifying client, scheduling meeting with client	-Start progress with IA	1 - 3 days	May 10th 2024	None	A
Interview client: -Inquire about problem and solution through program -Record meeting transcript	-Informed about client's program requirements -Client's program requirements can help me form my success criteria and rationale -Created meeting transcript and added it to my appendix	2 days - 1 week	May 28th 2024	None	A
Research programming languages and libraries	-Determined my programming language: Python -Learnt the libraries needed to create program: BeautifulSoup, tesseract, e.t.c	1 week	June 30th	None	A
Complete Criteria A writeup	-Wrote my scenario, rationale, success criteria	2 weeks - 3 weeks	July 25th	None	A
Create ROT, diagrams, GUI storyboard, Data Structures table, and test plan	-Completion of initial draft for Criteria B	1 - 2 weeks	July 25th 2024	Completed on September 13th	B
Create UI Design	-Sketched a draft design of UI for home page and settings page, added annotations	1 - 4 days	July 31st	None	B
Fulfil the UI Design in Python	-Used PyQt designer to bring the design from paper to screen -Generated python code of GUI using PyQt designer	3 days - 1 week	August 3rd	None	C

Programming: Adding functionality to Home screen and Settings screen GUI	-Programming functionality to different buttons, text boxes, checkboxes designed in the PyQt designer	2 - 4 days	August 7th	None	C
Programming Machine Learning Model	-Model able to differentiate between productive and unproductive text content	3 days - 1 week	August 13th	None	C
Programming get screen image, extract content from it	-Program able to take image of what user's screen -Using Tesseract OCR, program is able to convert the image to text to get the contents of the screen	3 - 6 days	August 16th	None	C
Programming program to run during scheduled run times	-Program only runs activity detection and classification during scheduled times	2 - 4 days	August 18th	None	C
Programming extra functionalities: Whitelist, Blacklist, delay period	-Program now allows users to add websites to a whitelist or blacklist, setting them as productive or unproductive. -Users can select a delay period for how long unproductive activity should be continuously detected for before showing the warning message	3 - 5 days	August 23rd	None	C
Build program for windows	-Build program into an installer to be downloadable for client	2 days	August 31st	Delay: Finished this on September 20th, to ensure the build is of the final version	C

Refine Criteria A and B documents	-Reduced word count to acceptable level -Improved all diagrams lacking detail	3 days - 1 week	September 20th	None	A, B
Refine programming	-Organised code to be more logical, improved spacing	2 days - 1 week	September 15th	None	C
Add comments to code	-Added comments explaining parts of the code	2 - 3 days	September 15th	Delay: Finished this on September 17th	C
Write Criteria C draft	-Added screenshots of code, explained techniques and used examples of code to show them -Referenced and explained libraries and modules used	1 - 2 weeks	September 20th	None	C
Check in-text citations and bibliography	-Ensure Criteria C citations and bibliography is completed	1-3 days	October 6th	None	C
Write Criteria D Video Script	-Write out script to showcase features and talk about success criteria+testing	2-4 days	October 22nd	None	D
Start testing of program	-Complete test table and testing	3-6 days	October 22nd	None	B
Plan another client meeting to receive feedback/Contact client	-Email client (as they are overseas), send current progress and request feedback	1-2 days	October 25th	None	E
Record communication with client	-Take screenshots of email communication	1-2 days	October 28th	None	E
Record Criteria D Video	-Record video and audio for video -Edit to include Success Criterias and test tables	2-3 days	October 30th	None	D
Start Criteria E	-Write limitations of	2-5 days	October 30th	None	E

Evaluation	product -Strengths, improvements, how I've completed success criteria				
Re-edit criteria C	-Re-organise everything, create tables and check word count	1 week	December 14th	None	C
Create IA Cover Page, organise documents, links, instructions	-Download docs into pdf -Code Cover Page website -Link everything	1-3 days	January 2nd	None	