



# GTP1302 Guided Learning

## My Learning Contract

*to be included in E-Portfolio  
(revised on Oct 2025)*

Name of Student:	Hafizal Bin Hasanudin	Admin No.:	2404791B									
Name of Learning Facilitator:	Ms Hu Huimei											
Project Title:	<p>Please refine the title as needed and indicate the name of competition/certification if applicable.</p> <p>Coding and Website-Building Basics</p>											
Brief Description of your project	<p><b>What am I going to do?</b> For the final project, I will be creating a personal e-portfolio website using, HTML, CSS &amp; Javascript.  The website will be to present my education, skills, and other experience that I had attained for future job or education prospect. A tab on making the website will also be featured, showcasing my learning process of HTML, CSS &amp; Javascript and how I designed and built the website. That will be an additional hard-skill that I have learnt in Temasek Polytechnic apart from my diploma.</p>											
My Learning Goals	<p><b>Refine Learning Goals as needed:</b> Eg. to work on my marketing skills.</p> <ol style="list-style-type: none"><li>1. How to code a website from scratch</li><li>2. Learning at least two coding/programming languages at the end (e.g. Python/Javascript/HTML/CSS)</li><li>3. Express my creativity with the UI designing for the consumer experience when using my website</li></ol>											
<p><b>My project will help me cultivate these TP Student Profile attributes (choose three attributes)</b> * Refer Appendix I for each TSP description</p> <table style="width: 100%; text-align: center;"><tr><td><input checked="" type="checkbox"/>Inquisitive</td><td><input type="checkbox"/>Integrity</td><td><input checked="" type="checkbox"/>Critical thinking</td></tr><tr><td><input checked="" type="checkbox"/>Resilient</td><td><input type="checkbox"/>Empathy</td><td><input checked="" type="checkbox"/>Digitally Fluent</td></tr><tr><td><input checked="" type="checkbox"/>Growth-Oriented</td><td><input type="checkbox"/>Communicates Effectively</td><td><input type="checkbox"/>Innovative&amp; Entrepreneurial</td></tr></table>				<input checked="" type="checkbox"/> Inquisitive	<input type="checkbox"/> Integrity	<input checked="" type="checkbox"/> Critical thinking	<input checked="" type="checkbox"/> Resilient	<input type="checkbox"/> Empathy	<input checked="" type="checkbox"/> Digitally Fluent	<input checked="" type="checkbox"/> Growth-Oriented	<input type="checkbox"/> Communicates Effectively	<input type="checkbox"/> Innovative& Entrepreneurial
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<p><b>For each chosen attribute, how would you rate yourself on a scale of 1-5 at this point (e.g. in the context of school work, personal life, part-time jobs)?</b></p> <p>1: Never used or exhibited this attribute before 2: Rarely using or exhibiting this attribute 3: Sometime using or exhibiting this attribute 4: Most of the time using or exhibiting this attribute 5: Always using or exhibiting this attribute</p> <p>Inquisitive: 4 Resilient: 4 Growth-Oriented: 4 Critical thinking: 4 Digitally Fluent: 4</p>												
<p><b>For each chosen attribute, provide your current rating and explain how you can develop each attribute through GL.</b></p> <p><b>Attribute 1 (Inquisitive) 4:</b> I rated myself a 4/5 as I feel that I am naturally curious and the joy of exploring new</p>												

experiences and knowledge helps me to improve my skillsets.

Through the GL sessions, I should be willing to ask questions actively and look for alternative coding solutions that are more efficient in my website-building project. I also plan to explore online tutorials or examples to understand how others approach similar projects, which will help me expand my creativity and problem-solving mindset.

**Attribute 2: (Resilient) 4:**

I rated myself a 4/5 as I do not easily give up when faced with challenges both in school and personal life objectives. Specifically for school, the core accounting modules such as management accounting and auditing can be difficult for me to absorb.

I wish to improve my resilience through GL by tackling each problem step-by-step and staying determined to progress to the next stage. I will also learn to accept coding mistakes as part of the process and use them as opportunities to grow stronger and more confident.

**Attribute 3: (Growth-Oriented) 4:**

I am open to learning new things and improving my skills in areas where I have little prior experience, like website-building.

To improve this attribute, I will need to push myself to understand and apply the basic coding languages before I move on to the final website project. I will also set small learning goals throughout GL to track my progress and motivate myself to keep developing my abilities.

**Attribute 4: (Critical thinking) 4:**

I personally feel that I can identify problems and think logically in deriving solutions. However, I would sometimes rely on guidance instead of being independent.

At the end of GL, I wish to develop a sense of independence in managing my project with my lecturer. I also aim to improve by analysing issues more deeply before seeking help, allowing me to gain confidence in solving technical challenges on my own.

**Attribute 5: (Digitally fluent) 4:**

I am comfortable using digital tools and applications such as Microsoft 365 and software such as Power BI. However, learning programming and website-building skills will aid my digital fluency.

Through GL, I can strengthen this attribute by applying digital tools and coding skills to create my e-portfolio, understanding how technology supports creativity, and enhancing my ability to use digital platforms for both academic and professional growth.

<b>Target beneficiary/beneficiaries (if applicable):</b>	N.A.
<b>Plan your learning;</b>  <b>how do you achieve your own learning goals?</b>	<p>What do I already know/do in this area? I am new to coding and programming and had no prior knowledge and experience in it. However, I felt that learning about coding helps me understand how websites are designed and built using different programming languages. It allows me to see how the layout, visuals, and interactive features come together to create a complete website. This knowledge also helps me appreciate how websites play an important role in communication, business, and personal branding today. It also extends beyond my current diploma studies.</p> <p>What new knowledge &amp; skills will I need to complete this project? New Knowledge Needed: I will need to learn coding and web development languages such as HTML, CSS, and JavaScript to design and build my e-portfolio website. This includes understanding how to structure web pages, style content,</p>

and add interactive features.

**New Skills Needed:**

- Problem-Solving and Logical Thinking: To analyse coding errors and find effective solutions
- Programming and Debugging Skills: To write, test, and fix codes accurately to ensure the website functions smoothly
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**What possible challenges would I need to overcome for my learning project?**

1. Time Management – I will have to balance time between the coding online tutorial, practices, and practical, with other modules at the same time. Coding requires consistent practice to learn and improve and I feel that this is a challenge I have to overcome.
2. Staying motivated – As I am completely new to the coding languages and website building experience, it can be frustrating when my progress feels slow or when I face repeated errors consistently.
3. Possible issues when debugging – Fixing errors in my code can be challenging as I am still learning and interpreting the codes.
4. Balancing between aesthetics and functionality in the final website – I have to be sure to that my final website has all of the necessary function needed. And to make sure that it is easy to use for anyone to use it.

**I plan to get help from: Please tick and name the specific organisation(s)/expert(s) you would consult, include designation, names, telephone numbers and email**

Partner departments in TP:

\_\_\_\_\_

Partner Schools in TP:

\_\_\_\_\_

External Partner Organisation:

\_\_\_\_\_

External Resource People:

\_\_\_\_\_

Others:

- Online tutorial (LinkedIn Learning)
- A friend that has some knowledge in website-building

**I plan to use these learning resources: Please tick and name the resources you would use.**

Books/newspapers:

Online tutorial (LinkedIn Learning)

Internet journals/articles:

\_\_\_\_\_

Experiential learning:

Online tutorial (LinkedIn Learning)

Documentaries/videos:

\_\_\_\_\_

Others (e.g. seminars, interviews, performances, lectures, workshops)

**Action Plan  
Timelines &  
Deliverables**

<b>Week</b>	<b>Actions</b>	<b>Deliverables</b>
Plan for the entire semester on a weekly basis	Specify the actions you will be taking to complete your project throughout the semester	Specify concrete and tangible deliverables you will produce
Week 1	<ul style="list-style-type: none"> <li>- Research on suitable coding tutorials</li> <li>- Installation of Visual Studio Code, node.js, Python, Javascript</li> <li>- Start on the Action Plan</li> </ul>	
Week 2	<ul style="list-style-type: none"> <li>- Refine my Student-Initiated Learning Project Proposal</li> <li>- Clarify any doubts with Ms Hu</li> <li>- Finalise my “Plan” of the PPMR</li> <li>- Finalise the suitable coding tutorial sites</li> <li>- Start on the Learning Contract after the</li> </ul>	Action Plan

		<ul style="list-style-type: none"> <li>- <i>consultation</i></li> <li>- <i>Start on HTML</i></li> </ul>	
	Week 3	<ul style="list-style-type: none"> <li>- <i>Make progress on HTML</i></li> <li>- <i>Finalise and submit Learning Contract</i></li> </ul>	<i>Submission of Learning Contract</i> <i>Video, pictures, and notes for HTML progress</i>
	Week 4 (Flex Week 1)	<ul style="list-style-type: none"> <li>- <i>Final progress on HTML</i></li> <li>- <i>Make progress on CSS</i></li> <li>- <i>Make progress on E-Portfolio (from a Google Sites)</i></li> </ul>	
	Week 5	<ul style="list-style-type: none"> <li>- <i>Make progress on CSS</i></li> <li>- <i>Continued progress on E-Portfolio</i></li> </ul>	<i>Video, pictures, and notes for CSS progress</i>
	Week 6	<ul style="list-style-type: none"> <li>- <i>Start on Javascript</i></li> <li>- <i>Progress on E-Portfolio</i></li> </ul>	
	Week 7	<ul style="list-style-type: none"> <li>- <i>Start on Javascript</i></li> <li>- <i>Progress on E-Portfolio</i></li> </ul>	<i>Video, pictures, and notes for Javascript progress</i>
	Week 8	<ul style="list-style-type: none"> <li>- <i>Additional week on Javascript</i></li> <li>- <i>Create a test website/Self-code HTML, CSS, Javascript</i></li> </ul>	<i>First Draft of website</i> <i>Video, pictures, and notes for Javascript progress</i>
	Week 9 (Term Test Week)	<ul style="list-style-type: none"> <li>- <i>Break. Continue progress if able to</i></li> </ul>	
	Week 10 (Term Break)	<ul style="list-style-type: none"> <li>- <i>Break. Continue progress if able to</i></li> </ul>	
	Week 11 (Term Break)	<ul style="list-style-type: none"> <li>- <i>Finalise the draft website</i></li> <li>- <i>Start on final website building</i></li> <li>- <i>Finish up on E-Portfolio</i></li> </ul>	<i>Video, pictures, and notes for Draft Website progress</i>
	Week 12	<ul style="list-style-type: none"> <li>- <i>Finish up on final website building</i></li> <li>- <i>Finish up on E-Portfolio</i></li> </ul>	
	Week 13	<ul style="list-style-type: none"> <li>- <i>Complete the curation of my portfolio, prepare for reflection interview</i></li> <li>- <i>Finish up on final website building</i></li> </ul>	<i>Completed e-Portfolio</i> <i>Video, pictures, and notes for Final Website progress</i>
	Week 14	<ul style="list-style-type: none"> <li>- <i>Finish up on final website building</i></li> </ul>	<i>Completed Final Website</i> <i>Video, pictures, and notes for Final Website progress</i>
	Week 15 (Flex Week 2)	<ul style="list-style-type: none"> <li>- <i>Preparation for presentation</i></li> </ul>	
	Week 16	<ul style="list-style-type: none"> <li>- <i>Presentation Week</i></li> </ul>	
	Week 17	<ul style="list-style-type: none"> <li>- <i>Presentation Week</i></li> </ul>	

Please customise if your project commences prior to the regular semester timeframe.

<b>Plan your E-portfolio;</b>  <b>Learning evidence for E-portfolio</b>	<b>What do you include in your E-portfolio?</b> <i>e.g. Report, prototype, checklist, glossary of terms, reflection, draft designs, surveys, survey analyses, interview transcripts, etc. (50-100 words).</i>  <i>For the preparation of my E-Portfolio, I will include pictures and videos of my website-building progress. This includes screenshots of my progress at each stage (one for HTML, one for CSS, one for Javascript, one for Draft Website, and final one for completed Final website).</i>  <i>I will also take video recordings to sort of do a demonstration of how the website functions, its design and ideas intended behind it.</i>
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	<i>As for the actual progress, I will summarise the main note that is necessary for each stage. E.g. To note the basic structure for HTML.</i>
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## Annex 1

### TP Student Profile attributes

#### ***Lifelong Learner***

TSP	TSP Attributes
<b>Inquisitive</b>	Being curious, explore, question, and seek knowledge across disciplines.
<b>Resilient</b>	Adapt, persevere through challenges, and thrive in changing environments.
<b>Growth-oriented</b>	Seek continuous improvement and take ownership in learning.

#### ***Values-centered Leader***

TSP	TSP Attributes
<b>Integrity</b>	Act with ethics, honesty and strong moral principles.
<b>Empathy</b>	Understand and respect diverse perspectives with compassion and global awareness.
<b>Communicates Effectively</b>	Express ideas clearly and engage meaningfully with others.

#### ***Future-oriented Creator***

TSP	TSP Attributes
<b>Critical Thinking</b>	Analyse information objectively to make informed decisions.

<b>Digitally Fluent</b>	Navigate digital tools, technologies, and information discerningly.
<b>Innovative &amp; Entrepreneurial</b>	Create new ideas, take initiatives, take calculated risks, and embrace opportunities.