

REQUIREMENT LIST

Moscow Table

What are the requirement list of the portfolio, the reading guide and the research document?

Question Reasoning

I asked this question in order to meet the requirements I lacked on the third iteration and to make this project successful.

Method selection

- A. Library: Literature study.
- B. Showroom: Benchmarking.
- C. Stepping Stones: Requirement list.
- D. Workshop: Moscow table.

Method Reasoning

- Literature study: I used this method to get more information of how to use the benchmarking method.
- Benchmarking: I used this method to do a comparison between different websites and get the good requirements of each one.
- Requirement list: I used this because I found it to be the most optimal way to store the results from the benchmarking test.
- Moscow Table: This to show how important is a requirement and to conclude the full requirements list document.

Method Setup

Literature study: I started by searching for keywords such as “Benchmark creation steps”, “Benchmark creation steps for a website”, “Benchmark creation steps for a website requirements”, and “Benchmark creation for collecting requirements”. Then I found the article by the name “A Benchmarking-Based Requirement Analysis Methodology for Improving Web Sites” authored by Min-Seok Pang, Woojong Suh, Jongho Kim, and Heeseok Lee, published on the ResearchGate in September 2009. I checked the reliability or authenticity by looking at their LinkedIn account, I found they all studied at the Korea Advanced Institute of Science and Technology. However, the research was conducted by them after finishing the studies at the institutions where they were at different universities by the time. The objective of this search strategy is to analyse the article and comprehend the approach and process of benchmarking for website creation, and then try to implement it when doing the benchmarking.

Benchmarking: I found products that are not only related but similar to the making of the website. These products or websites were from peer students where they were trying to kind solve the same problem. I clustered the findings in meaningful categories based on the literature study. However, because of time constraints and length of the document, I did not apply the same strategy steps from the literature study on all the document sections.

Requirement list: I gathered and created a list of requirements by finding the context of the making of the portfolio, reading guide and research document from the peer students, teachers and semester requirements using the benchmarking results. I wrote them in a list for easy reading.

Moscow table: I prioritized the requirements collected in the requirement lists of all three deliverables by categorizing them in a must-have, should have, could have and a won't have. However, I did not include the won't have due to how big is the document.

Results

Due to how big is the requirement list document, I can not add it here. However, it can be found in the extra links section. Hence, I did not add a Moscow table on that document, I decided to add it here. Below you can see three Moscow tables, each for a deliverable. Each table is having the information of where did I get the requirement from, the requirement and the priority of it.

For the portfolio

From	Requirement	Priority
Canvas FHICT	Diverse deliverables showcasing learning outcomes	Must
Canvas FHICT	Connect deliverables to learning outcomes on the website	Must
Canvas FHICT	Build the portfolio independently	Must
Canvas FHICT	User-friendly portfolio structure	Must
Canvas FHICT	Easy access for each deliverable to specific learning outcomes	Must
Canvas FHICT	Clear navigation menu	Must
Canvas FHICT	Sort deliverables into distinct categories	Should
Canvas FHICT	Show documents in PDF format	Should
Canvas FHICT	Main page serving as navigation to reading guide and deliverables	Should
Benchmarking	Maintain a professional and consistent visual style	Should
Benchmarking	Showcase a range of work demonstrating skills and readiness for the professional world	Should
Benchmarking	Detailed descriptions of each deliverable and its relation to learning outcomes	Could
Benchmarking	Include testimonials or endorsements	Could
Benchmarking	Provide a structured hierarchy for important information	Could
Benchmarking	Offer a clear categorization of work or experiences (Projects)	Should
Benchmarking	Integrate storytelling elements for engagement	Could
Benchmarking	Optimize the portfolio for responsive design across devices	Could
Benchmarking	Implement a night mode option for accessibility	Could
Benchmarking	Rights reserved section	Could
Benchmarking	Include a range of content types for an appealing presentation	Could
Benchmarking	Lack of clear deliverable names linked to learning outcomes	Won't

Teachers	Display personal design reflecting current trends	Should
Teachers	Clearly exhibit problem-solving skills and autonomy	Must
Teachers	Present real examples of work and experience	Must
Teachers	Showcase personality through the portfolio design and content	Must
Teachers	Connect portfolio content with preferred job (e.g., clean code for developers)	Must
Teachers	Optimize the portfolio for responsive design across devices	Could

For the reading guide

From	Requirement	Priority
Canvas FHICT	Having sections: Assignment, Process and Results, Burden of Proof	Must
Canvas FHICT	Reading guide accessible from the portfolio's navigation menu	Must
Canvas FHICT	Assignment description (1 page) including problem, goals, context	Must
Canvas FHICT	Process and results section (2 pages) detailing project progress and results	Must
Canvas FHICT	Burden of proof (2 pages) connecting portfolio structure to learning outcomes	Must
Canvas FHICT	Reference each evidence in the portfolio to learning outcomes	Must
Canvas FHICT	Specify research question with each used CMD method	Must
Benchmarking	Title page having a link to the portfolio website	Could
Benchmarking	Follow provided template in Canvas FHICT	Should
Benchmarking	Having Fontys logo in the document	Could
Benchmarking	Very briefly mention the sub questions and related methods	Should
Benchmarking	Add links to view documents and files from specific locations	Could
Benchmarking	Answer the main question on the conclusion	Should
Teachers	Write reading guide after finishing the research document	Should
Teachers	Familiarize with Reading Guide Requirements in Canvas	Must
Teachers	Differentiate content in reading guide and research report	Must
Teachers	Ensure reading guide meets specified requirements	Must

For the research document

From	Requirement	Priority
Canvas FHICT	Straightforward classification and naming of documentations	Must
Canvas FHICT	PDF representations or file formats for documentation	Must
Canvas FHICT	Use APA style for references	Must
Canvas FHICT	Use CMD or DOT frameworks for each deliverable	Must
Canvas FHICT	Research question, used method and justification, sources, results, conclusions, relation to the project for each deliverable	Must
Canvas FHICT	Total word count not exceeding 7500 words	Must
Canvas FHICT	Attachments placed in the appendix	Must
Canvas FHICT	Organization of files in relation to different activities and connection to specific learning outcomes	Must
Canvas FHICT	Save the document as a PDF	Must
Canvas FHICT	Clear structure for each research piece with reason, method, results, conclusion, and recommendation	Must
Benchmarking	Large text for main points for ease of navigation	Should
Benchmarking	Presentation of research findings in a clear manner	Should
Teachers	Clear and structured presentation of research phases, questions, learning outcomes, methods	Must
Teachers	Communicate iterative process of development and evaluation clearly	Must
Teachers	Apply scientific methods to find answers and support design decisions	Must
Teachers	Adhere to structured approach for research as discussed earlier	Must
Teachers	Differentiate content in reading guide and research report	Must

Conclusion

In conclusion, the requirements from the teachers and on canvas are the most important. The should requirements are the extra requirements I have about the design, while the could requirements are for extra design and animation.

Overall, after doing this research, I was able to understand more of the requirements from both the Canvas and the peer students portfolios. Now I have a better view of how I should do the reading guide, upgrade the design and rewrite the research document.