

# Research Worksheet

You can plan out your research for each of your research questions using the below template.

## PART A

Research Step	Key Questions	Your Responses
Define your objectives, 3 research questions & associated hypotheses.	What are you trying to accomplish with this research? What do you wish to find out that will accelerate your work in the right direction?	This research aims to understand why the website is not working properly. It will describe how often users face issues, compare problems across different user groups, and examine if technical factors like server speed cause failures. The goal is to identify key issues and improve website performance.
Determine your end outputs	What type of data/information is ideal for you to find, based on what you are trying to accomplish? Do you need to present it in any particular format?	Type of data and information is deal for me : -Error Logs and Technical Metrics. -User Experience Data. -Usage Statistics. In addition to Format for Presentation : Tables :For comparing issues across devices or users. Summarized Reports :Short bullets for stakeholders, technical appendices for developers.
Scope your main sources of information	Do you already know where you might want to go to find the information you're seeking? Are there particular entities or organizations that you know are seen as "experts" on the topic?	As a where i can find my information: <ol style="list-style-type: none"><li>1. Google analytics</li><li>2. Google search console</li><li>3. Ask my visitors</li><li>4. Free website test tool</li></ol> As can help or has good Information: -Google help pages/YouTube tutorials

## PART B

Research Step	Key Questions	Your Responses
Begin gathering your required information	What search terms should you use? How many reports/articles do you want to read before deciding you have seen enough?	For my searching i did use this terms: -troubleshoot website not working. -website not loading. After visiting more than 4 websites and learning from users experiences, I now understand the cause of my website issue.
<b>Evaluate the Validity/Credibility of Your Sources and Information</b>	Are the sources credible and reliable? Consider the authority, accuracy, objectivity, and currency of the information to ensure its validity for your research.	The sources I used were credible and reliable, like i did my searching from well-known platforms, official support sites.when i use multiple sources, and focused on solving the issue objectively. All content was recent and relevant, helping me better understand and troubleshoot my website problem effectively.
<b>Synthesize and Communicate Your Key Findings</b>	Summarize the key information and findings that you have gathered during your research. Organize these findings in a clear and coherent manner, ensuring that they directly address your research objectives and questions.	I searched using terms like (troubleshoot website not working) and (website not loading). After visiting more than four websites and learning from users experiences, I identified the cause of my website issue. The sources I used were credible and reliable, including well-known platforms and official support sites. The information was recent, objective, and consistent across sources, which helped me effectively understand and troubleshoot the problem. -Keys information: Search Terms Used: troubleshoot website not working, website not loading Number of Sources Reviewed: More than 4 websites, including user experiences and expert advice Main Issue Identified: The cause of the website problem was identified through consistent information across sources

		<p><b>Source Credibility:</b> Trusted, official platforms and support sites were used; information was current and reliable</p>
<b>Return to Your Original Objectives and Key Questions</b>	<p>Revisit your initial objectives and key questions to ensure that your research findings adequately address them. Reflect on whether your findings have effectively contributed to solving the identified problem.</p>	<p><b>Key questions:</b></p> <ul style="list-style-type: none"> <li>-Why is my website not loading?</li> <li>-What steps can I take to troubleshoot and fix the issue?</li> </ul> <p>really my findings have effectively contributed to solving the identified my problem.</p>

### Part 3 – Research Summary

In 200–300 words, provide an executive summary of your research in the text box below. You should be synthesizing information from multiple sources. Provide answers and explanations for the 3 questions you investigated and your key research findings. This should be in a narrative format (no bullet points), and be at least 3 paragraphs long.

Please use at least 3 different online sources such as ChatGPT, organizational websites, Wikipedia, etc. Please cite (give credit to) where your information came from directly in your statement. Avoid word-for-word quoting, paraphrase instead (use your own words), as modeled in the example. Also, list your sources and their URLs (web addresses) at the end.

This research aimed to understand why the website was not loading properly by investigating the frequency of user issues, comparing problems across different user groups, and examining technical factors like server speed. To do this, I used search terms such as (troubleshoot website not working) and (website not loading) and reviewed information from more than four credible sources, including user experiences, official support sites, Google Analytics, Google Search Console, and free website testing tools. The sources were reliable, current, and objective, providing consistent information that helped identify the root cause of the website's problems. Data collected included error logs, technical metrics, user experience feedback, and usage statistics.

-sources:

Google Analytics.

Google Search Console.

Visitor feedback (user experiences).

Free website test tools.

Google help pages and YouTube tutorials.