Initial idea and how select a project topic

**How to Select a Project Topic**

1. Choose two to three general areas related to your course of study that you would like to work in after you graduate. Your project is your main chance to differentiate yourself from the crowd.
2. For each one, spend one hour on news.google.co.vn trying to figure out what has been interesting in this area this year.
3. For each of the ideas that you have not rejected yet, read three to five journal papers, and document each of these using the Journal Logs. Start with ACM Computing Surveys or IEEE Communications Surveys and Tutorials. If you cannot find anything relevant to your idea in any of these two journals, you are doing something wrong
4. Compile a two-page report with the following content.

**A1, A2: at class**

**A2 (the final version), A3: at home**

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| **A1. Project Title**  ***Aim:*** *After completing this activity, you will have* ***an initial idea*** *for the project, can* ***create a research plan*** *to choose* ***technologies*** *and write* ***literature reviews on related works****.*   1. What have others done in this area over the last four years. 2. Divide it into 2 to 3 sections on subproblems that most people have worked on/showed interest in.  * Section 1: Apply AI to website * Section 2: Upgrade security * Section 3: UI friendly  1. What will the end product look like? Who will it be useful for?   My product will be a website that allows people to easily make an appointment to come in for medical treatment.   1. What will you use as your test-bed, which programming framework, simulator, real device, standards, mathematical model, legal framework …?  * Framework: ASP Net Core, Bootstrap * Programming language: C#, HTML, CSS * JavaScript library: jQuery * Database: MySQL  1. What is your evaluation path? What will be the metrics of your product’s success? Will you test it on real users, against a publicly available data set, against other similar products, …?   I evaluate each function that I build in the website. Besides, I will rely on a number of criteria such as security issues, fast processing speed, ease of use and operation... as criteria for me to evaluate the level of success. And I will test it on real users.   1. References in Harvard style. |

**A2. Conclusion**

To be completed individually.

I think that the title of my project will be something like the following:

Website to schedule medical appointments

I will produce a website where people can access and make bookings easily and quickly. It also provides a list of medical doctors so users can choose according to their needs, in addition to health treatment support products also sold on the website.

This is useful because It is a place that helps users easily book medical appointments and can also save a lot of time compared to going in person to make medical appointments.

I will evaluate how well my project’s product will perform by the effectiveness and value it brings.

This idea would be better if I could apply AI to my website, specifically the chat box, where it can quickly answer users' questions..

**Present your Report**

Bring your two-page report and the Journal logs to the project tutorial class to present

**A3. Planning for this module**

Make an individual work plan for this module in 12 weeks. Please do not insert this plan into your project proposal.

Including:

* Milestone and Deliverables for each week.
* The percentage of completion

You will give me a report follow this plan each week.

My WBS:

A screenshot of a computer

Description automatically generated