

IT1050 Project Introduction: Your Website

Please complete the following questions and submit this word document to be paired with your website submission.

Question 1 (10 points)

Project name

Group branding: consider a logo or slogan

Question 2 (5 points)

Post Your Link to website: example: www.wearegreat.com

This Milestone expands team's selected topic to these three pages:

1. “Home” Page introducing project topic and specific IT specialization areas to be explored in this project (may include items from the below responses), and
2. “What makes us different” Page. This page will mention the top three to five industry leaders (competitors) or information sources related to this area. Must include hyperlinks to websites of each. Mention these through a narrative paragraph (or paragraphs) that indicates how you will draw from these sources or innovate on persistent problems in this area
3. “About Us” Page. Add a bio — it is up to you if you are comfortable adding your own name.

Write 1–2 paragraphs for each of the following prompts:

Question 4 (20 points)

Create a specific research question that will guide you to innovate in the topic area that you selected.

What makes it a "good" question? The question is focused — OR — The question includes a specific example.

- *How can an IoT device operating in smart homes help elderly populations age-in-place (in their own home vs. nursing home)?*
- *What are good security measures to establish for Twitter to prevent social engineering attacks?*
- *How did Fake News stories shared on Facebook during the 2016 presidential election actually impact voters and how can negative impacts be prevented?*

What makes it a bad question?

- *Tries to cover the definition of a topic*
- *Doesn't focus on a specific aspect (such as a platform, device, network, specific cybersecurity threat etc., etc.)*
- *Limits the range of your project too much or can be answered with a simple yes/no*
- *Answering this question will not lead to innovation in this area*
- *Examples of bad questions:*
 - *What is a Trojan Horse?*
 - *What are reasons why cloud computing is not secure?*
 - *How have cyber-attacks evolved over the past decade?*

Question 5 (20 points)

Explain the connection of your topic area to Information Technology – describe if this innovation will require hardware, software, or networking solutions

Question 6 (25 points)

Briefly explain topic's importance at this point in time or to our society (quantify growth, incidents, vulnerable systems, etc.). Use information from references, and include in-text APA citations or embedded hyperlinks.

You might note a good fact, anecdote, large numbers or other statements about your topic here.

Potential Information Sources of information listed below:

- <https://www.libraries.uc.edu/>
- **Wikipedia** — Great place to generate ideas, but not a good source by itself. References at the bottom of a topic page may be a good source
- **CNET** — Great website newest cyber threats posts. Also allows searches on threats
- **Department of Homeland Security** — The Department of Homeland Security is a good place to find government papers and search general information about any kind of security issue/threat
- **Government Accountability Office**
- Picks from Security and Operation Services

- [Stormcenter \(SANS\)](#)
- [Search Security](#)
- [FIRST](#)
- [SecurityFocus](#)
- [REN-ISAC](#)

Question 7 (10 points)

Briefly state why it is feasible for you to come up with an innovative IT solution to this problem this semester.

Please remember — you will not need to BUILD a high fidelity prototype, you will only need to propose an innovative IT solution to an area that has not yet been explored and create a mockup or prototype. You may use rapid prototyping (low fidelity prototype) or a mockup using sketches.

Question 8 (10 points)

Using bullet points, indicate the full references used to create your argument here (APA style or full links to each source)