**“Next Generation Student-Centered Applications”**

Background

The Design Team Project (the “group project”) involves the design and rapid prototyping of an actual application interface using methods that support the PACT (People, Activities, Contexts and Technologies) approach to interface design.  The goal is to create a “next generation” application that meets the real needs of students.

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Instructions

You created and executed a research plan. To ensure that you had someone to interview to derive user requirements, each of you interviewed other students in class, using the questions you developed and critiqued in class.  Of course, you may also collect additional information from sources such as other peers on campus who might use your application, ethnographic observation, trend analyses, and so on. You can use PACT and/or AEIOU as a framework for making sense of the data and identifying the critical delighter and basic user requirements, and then the specifications your design would need to meet.

You will now provide the requirements specifications for your new and improved application that satisfies a specific need within your project space. To generate the requirements, you should have leveraged what you learned from the other applications, identified the primary “persona(s)” of your intended users using scenario-based design approaches, and generated and executed your research plan.

For this part, you need to identify the most critical functional and non-functional requirements (some examples of each) for your proposed application to ensure its delivery of the scenario(s) that provide the core value proposition that will drive adoption.

For the submitted deliverable, assemble your short project description (you used for the research), your latest version of your persona(s), the updated version of your main scenario(s), and your requirements specifications.  Use the lecture material to help you format the requirements to make them measurable.  Feel free to add additional material if it helps convey the user needs and how they would be expected to use your product/service (e.g., diagrams or anything else you think would be useful).

The description, updated persona(s), scenario(s), and requirements probably will be around 10 pages double spaced (but the assignment isn't based on page numbers).  The goal is to provide enough clarity on the user requirements and specifications that you can create a compelling and useful design, and eventually verify you are satisfying the requirements and validating that the design is compelling for the persona(s).