

CSCI 479 Capstone CS Design **Team Assignment on Project** September 9, 2009
Due September 18, 2009

1. Your team is to perform an investigative study for your project. Using brainstorming, research on the web, and other means, analyze the targeted customers' needs and abilities. Search the web for three similar products and analyze their functionality. The purpose is to gather ideas for the functionality of your product. In your formal memo to the Instructor/Manager, describe the process you used, the functionality of the three similar products and the details of a typical customer's profile.
2. The Team will carefully craft five to seven survey questions to ask members of the customer base. For example, "What features would you like to see in a product that does ... ?" Select ten individuals. Have each individual read and sign a Release Form that explains why you are asking the individual to fill out the survey, how the information will be used and that the information will be kept confidential. These individuals may *not* be members of our class or be computer science majors. The purpose of the surveys is to acquire genuinely useful ideas for your project. Therefore, extra effort in designing good questions should yield better answers in the surveys. Refer to the CSCI 479 web site for material on how to do a good survey. Attach to your formal memo an appendix that includes the survey questions, a copy of the Release Form, the survey results and reflect on how the results may influence your Project.
3. Based on your Team's investigative study, customer profile and survey, describe your vision for the product in several paragraphs. Hand in neatly drawn screen mockups of the envisioned GUI. Describe any constraints you discover.
4. Write the XP stories that describe what the system needs to do. Usually, we write XP stories on 3-by-5 cards. Attach the cards as an appendix.