

CMPSCI 520  
Fall 2008  
**Project 2.1 Preliminary Work**  
Assigned: October 6, 2008  
Due: *See below*

Goal - Develop a Software Requirements Specification (SRS) for your PayPal Challenge (or other) group project/

Steps

1. **Requirements Elicitation and Definition**
  - a. Develop “questionnaires” – Each group to email Adrion and provide 2-3 categories with 2-5 “questions” for October stakeholder interviews **by October 15**
  - b. Plan, carry out and **report on** interviews – **by October 31**
2. **Software Requirement Specification – due November 5** [you may use the IEEE standard<sup>1</sup> or the OpenCms-Struts<sup>2</sup> “template”]
  - a. Vision Document
  - b. Introduction Section 1: Purpose, Scope, Definitions, Acronyms and Abbreviations, and provide References
  - c. Overall Description Section 2: a list of names and brief descriptions of all use cases and actors, along with applicable diagrams and relationships [you may use Rational Rose or some other drawing package]
  - d. In Section 3, for each use case diagram in Section 2 define a use-case report, making sure that each feature or requirement is clearly labeled and traceable to the Vision document.
  - e. Appendices, including: a) Table of contents, b) Index, and c) use-case storyboards or user-interface prototypes, if needed.
3. **Warning ... to keep on schedule a design will be due November 24 and an implementation (demo and report) week of December 18.**

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<sup>1</sup> IEEE Recommended Practice for Software Requirements Specifications, IEEE Std 830-1998, ©Copyright 1998 by The Institute of Electrical and Electronics Engineers, Inc. 345 East 47th Street, New York, NY 10017-2394, USA

<sup>2</sup> See <http://opencmsstruts.sourceforge.net/vision.html>