CS 307 – Software Engineering

Design Document

Team 6

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**Purpose**

It’s very difficult for students on campus to connect with other students and faculty for help on assignments and studying in their courses. The PU network offers an online solution for Purdue students where they can connect with students and faculty involved in the same course allowing students to find help and support on school assignments. As a result, the PU Network is a student centric social network specifically tailored to college students with the sole purpose of helping them excel in their academic endeavors by allowing them to connect, share, and collaborate relevant information about their courses.

The following describes our functional requirements in detail:

* **Course Pages:** The course pages contain all the content relevant to each course. On these course pages is where students and faculty will interact, share, and connect.
  + As a student I would like to:
    - Send messages to students and faculty
    - View information about the course
    - Rate the professors of the course
    - Find students taking the same course
    - Find tutors for the course
    - Post questions relevant to the course
    - Answer questions posted by other students
    - Upload and share relevant documents about the course
    - Download documents from the course page
  + As a Professor or TA I would like to:
    - View information about the course
    - Post and answer questions for students
    - Upload and share relevant documents about the course
    - Share course announcements
    - Send messages to students and faculty
* **Account Management:** Students and faculty can manage their account settings and account activities such as messages and course page following.
  + As a student I would like to:
    - Register to the PU Network as a student
    - Manage my account settings such as name, email, and username
    - Manage my account passwords
    - Request the creation of a class page
    - Follow the class pages I’m enrolled in
    - Follow other students to see what they posted and answered on course pages
    - Invite other friends to join the PU Network
    - Create and manage study groups
    - Send and receive messages
  + As a Professor or TA I would like to:
    - Register to the PU Network as a Professor or TA
    - Manage my account settings such as name, email, and username
    - Manage my account password
    - Authorize the creation of the class page I teach in
    - Follow the class pages I teaching
    - Send and receive messages