SSS

Sweet & Spicy Sixteen

For CSCC01 - Introduction to Software Engineering

Project Report

CONTACT INFORMATION

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KAREN NGO

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Dr. Wade Watts

- Male, 57 years old, African American, married and loyal to wife
- Ph.D. in Statistics
- Statistics lecturer at local university for first and second year students
- Only works in his office at the university
- Likes writing assignments the old way, with pen and paper rather than using any word software - and has teaching assistants type and post them for him
- Prefers all communication to be in person rather than through email or any other electronic means
- Understands that society is relying more and more on technology but is adamant on not wanting to change; might change thoughts if it comes to it
- The height of his technical skill is his ability to use SAS and R on his laptop
- Wants a simple, easy to use system that won't cause too much confusion on his part

Bryan Chen

- Male, 20 years old, Chinese, single
- Third year student double majoring in Statistics and Computer Science
- Part-time Teaching Assistant in Statistics - working under Wade for 2nd year courses and also helping for 3rd year courses
- Works in the TA Office at the university alongside his friends who are also TA's and/or at home
- Speaks Mandarin and English
- Proficient in HTML, CSS, JavaScript, Python and Java
- Had experiences in building and managing MYSQL servers
- Strong knowledge with using both Microsoft and Linux operating systems
- Loves all kinds of technology and willing to learn about even more software, with little tips here and there

Mia Kapoor

- Female, 17 years old, Indian, in a relationship
- Studies at UTSC, first year student in Life Science, specializing in neurology with a minor in Statistics
- Fluent in Hindi and Punjabi, good understanding of English
- Recent immigrant from India with minimal technological experience due to old rural lifestyle
- Average student but strong interest in the human body and brain, wants to become a doctor
- Creative mindset willing to learn more about technology - wants to learn more about statistics and math-related subjects from parents' influence
- Decent knowledge about Microsoft OS; owns a laptop for viewing notes and completing assignments
- Strong positive attitude towards various types of technology - willing to put in time and effort during her free time to learn for future situations
- Aware that she needs to get a grasp on technology use for future workplaces after graduation

Randolph Hotter

- Male, 16 years old, German, single
- Second year student - Statistics major and Computer Science Minor at UTSG with a strong interest in Statistics
- Gifted student who skipped two years of high school
- Works on his laptop and is very experienced with both IOS and Linux environments
- Speaks, reads and writes fluently in both German and English
- Enjoys his studies in Statistics and would like to pursue his career in it
- Intense personality, perfectionist. Aims to score perfect in every assignment and exam
- Good computer skills: uses all software in Microsoft Office Suite and Adobe Suites
- Has basic programming skills in Python and R; wants to learn more languages
- Loves using technology for everything he does - from taking notes, to writing assignments and more
- Wants to learn everything on his own, and does not like getting hints or help in general

User Stories

As a…	I would like to/I want to be able to…
Professor(Wade) and TA(Bryan)	Make accounts for new TAs (Prof) and new accounts for students (TA)
Professor(Wade)	Enrol students into their respective courses for evaluations
Professor(Wade)	Remove students from my courses
Professor(Wade) and TA(Bryan)	Post/edit assignments
Professor(Wade)	Add questions to assignment question pool
Professor(Wade)	Have assignments with different questions for each student and every attempt
Professor(Wade)	Add the answers for each question to give immediate feedback to students upon finishing it
Professor(Wade) and TA(Bryan)	Check and adjust marks for students as necessary
Student(Both)	Check the assignments that are available to be completed
Student(Both)	Attempt/re-attempt assignment questions to receive marks
Student(Both)	Check marks for all previously completed assignments
Student(Both)	Reset my password when forgotten
Professor(Wade)	Get performance information of each student
TA(Bryan)	View performance of students in my tutorial section
Professor(Wade)	Add achievements for students
Student(Randolph)	Get achievements/levels when completing specific goals

As a…	I would like to/I want to be able to…
Student(Both)	Check my achievements and level
Student(Randolph)	Check my ranking on the leaderboard
Professor(Wade) and TA(Bryan)	*Check student answers to see where they're going wrong if needed*
Student(Both)	*Review all my previous assignment attempts to study for exams*
Student(Both)	*Rate specific questions as easy, fair, or difficult*
Professor(Wade)	*View question ratings to have an idea where students are standing on course content*
TA(Bryan)	*Receive notifications about students doing poorly to provide extra help*
Student(Both)	*Be awarded an "inside-scoop" to the general statistics of how other students are doing with the system, and how I compare. The higher the achievement, the more relevant the stats information is*
Professor(Wade)	*Check general statistics to see how students are doing with the system (percentage of students completing the assignments, average mark on the first try, date they completed vs the due date, how long completion takes)*

** stories written in italics are marked as EPICS