
Computer Science 2212
Assignment 1
February 14, 2014

Team 9

Sohrab Dolatabadi
Bruno Felipe da Silva Correa
Tyler Laporte
Killian McGuinness
Michelle Stakenborg

Personnel Snapshot

Sohrab Dolatabadi

I enjoy developing software. The fact that a program can make someone's life much easier really motivates me. I took 3307 course last semester. The final group project for the course was to develop an application (C++) for OMBI which was very interesting. I have also taken Database Management and Web Development (PHP, JS). Overall, I am very excited to take this course and I cannot wait to see how everything comes together at the end.

Bruno Felipe da Silva Correa

I'm taking the final semester at UNIVALI (Brazil). During my studies I worked for 5 years in a web development company so I have good experience with PHP and front-end which includes HTML, CSS and Ajax. The projects that I took part in helped me to improve my software development skills such as requirements analysis, database modeling and testing. These skills were used to develop my thesis which mainly used web services and algorithms for text analysis and data standardization.

Tyler Laporte

I'm currently in my second year of university. I was in the Engineering program during my first year and I decided to switch into computer science once I realized I wanted to get into software engineering. I have taken the following computer science courses: ES 1036, CS 1027, CS2208, CS2214, CS2210, and CS2211. These courses have given me valuable programming experience and have taught me about various data structures and algorithms. I have also become familiar with several coding languages such as Unix, Assembly, C, C++, and Java.

Killian McGuinness

I am in my second year of university, and so far I've taken courses in data structures, algorithms, formal logic, and general programming. When there is something in my life that could be made easier with a program, I usually spend some time creating something simple that does the job, which gives me a fair bit of Java experience. I also work as a Research Assistant at The Brain and Mind Institute at UWO, automating data extraction from experimental results using Matlab.

Michelle Stakenborg

I have taken CS1026, CS1027, CS2208, CS2210, CS2211 at UWO so far in my first three years of university which makes up my programming background and knowledge. I have also taken courses in Database design and Introduction to Business at UWO which can help with organization and planning practices throughout this project. I have 5 years experience as a computer technician which gave me real-world knowledge and experience in working in a team environment. My college diploma in Computer Systems Technician adds to my knowledge and experience in general program logic and design.

User Stories

The screenshot displays the PivotalTracker interface for a project named "CS2212 - Group 9 (Public)". The top navigation bar includes links for PROJECTS, DASHBOARD, REPORTS, HELP, and the user KILLIANMCGUINNESS. The project name is prominently displayed, along with a velocity of 10. Below the navigation bar, there are tabs for CURRENT, BACKLOG, ICEBOX, and EPICS, with a search bar and an "ADD STORY +" button.

The main content area is divided into four columns, each representing a different stage of the project workflow:

- CURRENT:** This column shows the current sprint, "10 Feb - Current", with a progress bar at 0% and 0 points. It contains 10 user stories, each with a "Start" button. The stories are:
 - back-end, course, gui: The user can add a new course (MS)
 - back-end, gui, student: The user can add a student to a course (BD)
 - back-end, grades, gui: The user is able to enter a grade for each deliverable and for each student (KM)
 - back-end, deliverables, gui: The user can delete a deliverable (SD)
 - back-end, course, gui: The user can delete a course (TL)
 - back-end, gui, student: The user can delete the student (MS)
 - back-end, gui, student: The user can edit the student information (BD)
 - deliverables, gui: The user can add a deliverable to a course (KM)
- BACKLOG:** This column shows the backlog, "17 Feb", with a progress bar at 3% and 3 points. It contains 3 user stories, each with a "Start" button:
 - back-end, deliverables, gui: The user can edit the deliverable information (SD)
 - back-end, course, gui: The user can edit the course information (TL)
- ICEBOX:** This column shows the icebox, "Select All", with a progress bar at 100% and 10 points. It contains 10 user stories, each with a "Start" button:
 - back-end, course, gui: The user can select an active course
 - grades, import/export: The user is able to import/export grades into course from a CSV file
 - email, report: The user can attach the PDF report for each student
 - email, gui, report: The user can select multiple students to send them email
 - report: The user can generate a PDF report for each student
 - student: The user can import a list of students
 - grades, gui: The user can view deliverable in a column
 - grades, gui: The user is able to view the student's weighted exam average for the course
 - back-end, gui: The user can exit the program at any time (MS)
 - back-end, grades, gui: The user is able to view the student's weighted assignment average for the course
 - back-end, grades, gui: The user is able to view the student's overall weighted average for the course
- EPICS:** This column shows the epics, with a progress bar at 100% and 10 points. It contains 10 epics, each with a "Start" button:
 - Import/Export
 - Email
 - Reports
 - Manage Grades
 - Manage Students
 - Manage Courses
 - Back-End
 - GUI

Link <https://www.pivotaltracker.com/s/projects/1002276>

UML Class Diagram



Project Plan

