

Milestone 5 - CMPT 370

November 15th 2013

Group 04: mag501, bas453, jcp393, dyf477, bod458

1) System Operations

- Boolean **signUp**(User Details) :: Boolean – was the user created successfully.
- Boolean **signIn**(User Details) :: Boolean – were the credentials correct.
- Boolean **signOut**() :: Boolean – resets any session information for the user
- Poll **generatePollPage**(Access Code) :: Poll – the poll or an error page.
- Boolean **submitResults**(Response) :: Boolean – were the results inputted into the database.
- Poll **generateResultsPage**(Access Code) :: Poll – the results for the poll.
- Poll **generateCreatePollPage**() :: Poll - submits all questions to database.
- Boolean **addQuestion**(QuestionType) :: Boolean – inputs for a question.
- Poll[] **generateTitlePage**() :: Poll[] – the home page, will display some polls
- Boolean **submitNewPoll**(Poll) :: Boolean – was the poll inserted into the database

2) Sequence Diagrams

- See <SequenceDiagrams.pdf>

3) Class Diagram

- See <ClassDiagram.pdf>

4) Implementation

- The following use cases (main success scenarios and extended error scenarios) have been implemented:
- **Going to Known Poll** (Success, Incorrect Access Code)
- **Sign In** (Success, Incorrect Credentials, Database Connection Error)
- **Sign Out** (Success)

- **Sign Up** (Success, Duplicate E-mail, Unauthorized overwrite, Database Connection Error)
- **Take Poll** (Signed in/out Success, Already Taken(Signed in), Database Connection Error)
- **View Poll Results** (Signed in/out Success, Database Connection Error)
- **Create Poll** (Signed in/out Success, Empty Fields, Database Connection Error)
- **Create Group** (Signed in Success, Database Connection Error)
- **Subscribe to Group** (Signed in Success, Password Incorrect, Database Connection Error)
- **Unsubscribe from Group** (Signed in Success, Database Connection Error)
- All errors are handle with custom thrown and caught exceptions with relevant error messages being displayed when needed.
- We added a twitter share button to the poll details and results pages.
- <http://webclicker.tk> – Has the most updated github build as of November 15th 2013
- See <Manual.pdf> for instructions on each of the major use cases.
- See <GitLogs.txt> for git logs for our project.
- See below for summary of our group meetings
- We tested all of our use cases manually until we were unable to find any bugs. We are confident all the major bugs have been removed from the system.
- We conducted a stress test by using 8 devices simultaneously creating a poll, then simultaneously taking a poll, then simultaneously viewing the poll results.

Meeting Details

Date	Duration (Hours)	Attendees					Summary
		Max Gooding mag501	Brady Smith bas453	Jason Prokop jcp393	Dylan Fafard dyf477	Bo Dong bod458	
30/10/2013	1	X	X	X	X	X	Mainly discusses issues and improvements that needed to be made in regards to the GUI. Also, went over error messages that should be displayed when specific actions are taken
06/11/2013	2	X	X		X	X	Presented our GUI modifications and any problems that we ran into with the group. Discussed important changes to the database structure. Talked about more error handling.
11/13/2013	3	X	X	X	X	X	Went over in detail all of our application testing. Reviewed all of the closed issues, went over all of the open issues, and discussed more potential issues.
15/13/2013	1	X		X	X	X	Put our submission together. Finalized a few documents. Fixed a few more of the open issues from GitHub.

5) Project Plan

Completed Task:

Task	Name - Hours Spent On Task – Percentage
Team Intro/Setup Meeting	Bo – 2 – 20% Brady - 2 – 20% Dylan - 2 – 20% Jason - 2 – 20% Max - 2 – 20%
Project Pitch Meeting	Bo – 2 – 20% Brady - 2 – 20% Dylan - 2 – 20% Jason - 2 – 20% Max - 2 – 20%

Project Selection Meeting	Bo – 2 – 20% Brady - 2 – 20% Dylan - 2 – 20% Jason - 2 – 20% Max - 2 – 20%
Initial Project Proposal Meeting	Bo – 2 – 20% Brady - 2 – 20% Dylan - 2 – 20% Jason - 2 – 20% Max - 2 – 20%
Final Project Proposal Meeting 1	Bo – 2 – 20% Brady - 2 – 20% Dylan - 2 – 20% Jason - 2 – 20% Max - 2 – 20%
Final Project Proposal Meeting 2	Bo – 2 – 20% Brady - 2 – 20% Dylan - 2 – 20% Jason - 2 – 20% Max - 2 – 20%
Server setup	Dylan – 100%
Database setup	Dylan – 100%
UI Sketches	Bo – 2 – 20% Brady - 2 – 20% Dylan - 2 – 20% Jason - 2 – 20% Max - 2 – 20%
Toy Example Creation and Video	Jason – 2 – 100%
Milestone 2 Review Meeting	Bo – 2 – 20% Brady - 2 – 20% Dylan - 2 – 20% Jason - 2 – 20% Max - 2 – 20%
PowerPoint Presentation Preparation Meeting	Bo – 100% Brady – 100% Dylan – 100% Jason – 100% Max – 100%
PowerPoint Presentation Creation	Bo – 2 – 20% Brady - 2 – 20% Dylan - 2 – 20% Jason - 2 – 20% Max - 2 – 20%
Logo Design	Bo - 1 – 100%
Presentation Review Meeting	Bo – 100% Brady – 100% Dylan – 100% Jason – 100% Max – 100%
Language and API Learning/Refreshing	Bo – 4 – 50% Jason – 5 – 50%

Interface Implementation	Bo – 4 – 50% Jason – 3 – 50%
Version Control Setup/Troubleshooting	Brady – 2 – 50% Dylan – 2 – 50%
Milestone 4 Division of Labour Meeting	Bo – 1 – 25% Dylan – 1 - 25% Jason – 1 – 25% Max – 1 – 25%
Writing Summary Use Cases - 2 each	Bo – 100% Brady – 100% Dylan – 100% Jason – 100% Max – 100%
Writing Fully Dressed Cases - 1 each	Bo – 1 - 100% Brady – 1 -100% Dylan – 1 - 100% Jason – 1- 100% Max – 1 - 100%
Database Design Update	Max – 1 – 100%
Milestone 4 Meeting 2	Bo – 100% Brady – 100% Dylan – 100% Jason – 100% Max – 100%
Server Code	Dylan – 2 – 100%
Operation Contracts	Bo - 0.5 – 100% Brady - 0.5 – 100% Dylan - 0.5 – 100% Jason - 0.5 – 100% Max - 0.5 – 100%
System Sequence Diagram Creation - 1 each	Bo – 1- 100% Brady – 1- 100% Dylan – 1- 100% Jason – 1 - 100% Max – 1 -100%
Domain Diagram Creation	Brady – 3 – 50% Max – 3 – 50%
Glossary Write-up	Dylan – 1 – 100%
Use Case Diagram	Bo - 1– 100%
Meeting Notes Summaries	Jason - 0.5– 100%
Project Report Creation	Brady - 1.5– 100%
Milestone 4 Editing and Assembly	Jason - 0.5 – 50% Max – 1 – 50%
Milestone 4 Implementation Testing	Bo – 1 – 25% Brady - 0.5 – 12.5% Dylan – 1 – 25% Jason – 1 -25% Max - 0.5 – 12.5%

Milestone 4 Final Meeting	Bo – 1 – 25% Dylan – 1 – 25% Jason – 1 – 25% Max – 1 – 25%
GUI Discussion Meeting	Bo – 1 - 100% Brady – 1 -100% Dylan – 1 - 100% Jason – 1- 100% Max – 1 - 100%
Milestone 5 Planning meeting	Bo – 1 – 25% Dylan – 1 - 25% Brady – 1 – 25% Max – 1 – 25%
Reshaped Database Structure	Dylan – 2 – 66% Max – 1 – 33%
Interface Creation and Refinement	Bo – 5 – 36% Dylan – 4 – 28% Jason – 4 – 24% Brady – 2 – 12%
Server Reconfiguration	Dylan – 2 – 66% Brady – 1 – 33%
PHP/Server Code	Dylan – 3 – 100%
Database Connections	Dylan – 1 – 50% Max – 1 – 50%
Managing Version Control	Brady – 3 – 100%
Milestone 5 Documentation	Max – 10 – 77% Brady – 3 – 23%
Milestone 5 Submission/Bug Fix Meeting	Bo – 2 - 100% Brady – 1 -100% Dylan – 2 - 100% Jason – 2- 100% Max – .5 - 100%
Testing/Bug Reporting	Bo – 2 - 20% Brady – 2 -20% Dylan – 2 - 20% Jason – 2 - 20% Max – 1 - 10%

Tasks Yet to Be Completed:

	Assigned To	Estimated Completion Time (per Person)
Business Modelling & Requirements – Final Milestone Documentation	ALL	2 hrs
Database Maintenance	Max	1 hrs
Code - Interface	Bo, Jason	1 hrs
Code - Groups	ALL	2 hrs
Code - Database Connections	Dylan, Max	1 hrs
Testing - Poll Creation	ALL	1 hrs
Testing - Poll Voting	ALL	1 hrs
Testing - Interface	ALL	1 hrs
Testing - Deployment Versions	ALL	1 hrs
Environment - Managing version control – Automatic Deployment	Brady	2 hrs
Analysis & Design - Further refinement of project plan	ALL	1 hrs
Project Management	ALL	2 hrs
Deployment - Server management	Dylan, Brady	1 hrs