**Progress Report**

**- Increment 3 -**

**Business Survey Analytics**

# Team Members

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1. **Project Title and Description**

Business Survey Analytics

A web application that allows any business, or user to generate their own personalized survey with specific questions tailored to their needs, and then view the results.

1. **Accomplishments and overall project status during this increment**

During this final increment, the BSA team was able to finish the full stack web application. We met all of our core functional requirements. We are able to create a new user, that user can log into their specific account that displays all of their surveys and gives them the option to create a survey. Once they create a survey, they are given a unique survey code which can be given to anyone so that any user can enter that code and take that specific survey. The survey creator can then see the results of any given survey he/she has created by clicking on the specific survey from his/her main login page.

The crucial server side code was finalized during this increment which allowed the front end ejs files to pull information from the database using the MVC approach with given routes that contained certain database queries.

We were able to accomplish a fluid user experience for both the roles of Business Owner, to create and distribute surveys as well as see their results, and the Survey Takers to take their intended surveys.

1. **Challenges, changes in the plan and scope of the project and things that went wrong during this increment**

Nothing relating to our core/high priority functional requirements went wrong. However, initially we had set out to complete some kind of authentication/encryption for how a user logs in to our application. We had originally planned to implement Auth0 within our application. But, due to time constraints on the project, we were unable to implement the Auth0 encryption. Currently, we have set up the application so that if the username and password match to the correct user within the database then it grants access and redirects to that specific user’s login page. Given additional time, we would have certainly been able to implement Auth0.

1. **Team Member Contribution for this increment**

Samuel Anderson

1. Progress Report - contributed to question 5
2. RD - functional and nonfunctional requirements
3. IT - Contributed to the backend development using MySQL and Node.js
4. Source Code - provided updates to tables , added new procedures and functions to the sql script, helped fix issues with sending survey results to the database.
5. Video or Presentation -Discussed project overview/motivation

Michael Fogarty

1. Progress Report - Questions 3, 4, 5, 6
2. RD - Operating Environment (Q6), Dependencies (Q7)
3. IT - Contributed to the front end development using HTML, CSS, and Javascript
4. Source Code:

CSS: homepage.css, login.css, registration.css, survey.css

JS: survey.js

NodeJS: app.js, db\_connection.js, takeSurveyRoutes.js, takeSurveyController.js

HTML: 404.ejs, footer.ejs, homePage.ejs, surveyPage.ejs, TakeSurvey.ejs

1. Video or Presentation - Demo web application

Joseph Fields

* 1. Progress Report - contributed to question 5
  2. RD - Use Case, Class, and Sequence Diagrams (Questions 4, 5)
  3. IT - Contributed to the backend development using MySQL and Node.js, questions 3, 4
  4. Source Code - supplemented sql script with data and tables, added testing functions for the customers table
  5. Video or Presentation - Discuss contribution

Trey Hamilton

1. Progress Report - Contributed to question 3
2. RD - Contributed to questions 2, 3
3. IT - Contributed to question 3, 4, 5
4. Source Code - Testing - questions, answers, surveys\_created tables

Blackbox testing of site navigation

Glassbox testing of database procedures

1. Video or Presentation -

Luis Corps

1. Progress Report - Questions 1, 2, and 5
2. RD - N/A
3. IT - Questions 1, 2

Contributed to the front end development using HTML, CSS, Javascript, and NodeJS. Added to the database with user inputs, and functions. Structured styled and/or added functionality to

* Analytics, Waiting, busOwn, createSurvey, Registration, Login, addQuestions pages

1. Source Code -

CSS: analytics.css, waiting.css, addQuestions.css, createSurvey.css, takeSurvey.css

JS: busOwn.js

NodeJS: addQuestionsRoutes.js, addQuestionsController.js, app.js, createSurveyController.js, createSurveyRoutes.js, busRoutes.js, busOwnController.js, loginController.js, loginRoutes.js, analyticsRoutes.js, analyticsController.js, registrationRoutes.js

HTML: addQuestions.ejs, analytics.ejs, businessOwnerLogin.ejs, createSurvey.ejs, registration.ejs, waiting.ejs, login.ejs

1. Video or Presentation - Introduction to Video
2. **Plans for the next increment**
   1. **N/A**

**Link to video**

Increment 1 Video Link: <https://youtu.be/siXR8HiXLfw>

Increment 2 Video Link: <https://youtu.be/TlJoRINWtpI>

Increment 3 Video Link: <https://youtu.be/nPo4sKu9gVc>