Overview
Our goal in this project was to facilitate the gathering, processing, and presentation of data relevant to data analysts and consultants. With our set of software engines, data analysts will be able to create customizable forms, upload data to a Cloud database, input functions and algorithms for data processing, and create comprehensive reports.

Objectives
Our team’s objective was to the Agile Scrum software development methodology to set bi-weekly tasks, implement them and demo the finished product to our sponsors in the Sprint review meetings. Our main objective was to create a web application that would be able to create customized forms for the consultant, enable data entry from their customers and facilitate data display back to the consultants.

Approach
- Our literature review showed existence of similar products but none with all the needed functionality
- Our team used the Agile Scrum Software development methodology as recommended by our sponsors
- Our project timeline was divided into 6 sprints
- Our first step was to come up with an architecture diagram and data model diagram
- Trello was used for task management.
- We used the Java programming language to build the project.
- All code was written in the Eclipse.
- We used the Play web framework to build the website on.
- We used the MySQL database as a RDBMS backend.
- For running in production we used Amazon Web Services.
- Our sprint tasks were identified from the bi-weekly sprint planning meeting
- The team members met every day for the daily scrum meeting to discuss progress and obstacles
- At the end of each sprint, we had a sprint review meeting to demo our finished tasks and get approval from our sponsors

Outcomes
Our project outcome was a web application for our sponsors that can manage the creation, analysis, and reporting of multiple forms from existing or new template surveys. This application can now be further developed by future teams to add other functionality like data processing.