Dev Log:

Combined Force:

2017/08/12:
Listed the user stories and decided task priority. (4 hours)

2017/08/15:
Listed the required features of the first iteration in scope overview.docx. (1 hour)

2017/08/16:
Discussed and divided team role and made initial plan. (2 hours)
Even, David -> Front End
Victor, Grey -> Back End
Front End tasks have to be finished by Thursday week 5
Back End tasks have to be finished by Wednesday week 5

2017/08/17:
Designed and constructed the flow chart for overall system design. (3 hours)

2017/08/19:
Re-scope the plan as customer changed iteration date.
Further divide team role:
Victor: all documentations and diagrams. CSV_io.
Grey: routes (views) and forms.
Even: Survey line templates (which we didn't use due to connection issue)
David: Question line templates

Back End:

2017-08-15:
CSV_io foundation (1 hour)
create most basic IO functions

2017-08-16:
Forms foundation (3 hours)
Start the Dev log
Finished template_variable_names.md which standardized the variable names in the back end.
Which contains forms based on the WTForms partly with the dynamic fields

2017-08-17:
Finished file_structure.md

2017-08-18:
Views foundation
Discussed and designed the architecture of the back end. (3 hours)

2017-08-23:
Reconstruct Csv_io based on OOP (3 hours)

2017/08/24:
First version io and refined glossary. (2 hours)
Debugging forms.py and modify views.py   (4 hours)
Second foundation of the Csv_io.py (2 hours)
First foundation of the Csv_glossary.py (1 hour)

2017/8/25:
Discussed the design of result entity and answer entity.

2017/8/26:
Refined and updated new system design:
Method parameter and return parameter regulated.

2017/8/27:
Finished the first version of Csv_io (4 hours)
New csv_glossary to fit the new design

2017/8/28:
Csv io testing and debugging (5 hours)

2017/8/29：
Debug csv_io.py(2 hours)

2017-08-30:
Modified forms.py and modify views.py (3 hours)
Coded some more other routes, collect bugs and problems, tweak some forms

2017-08-31:
Further development on the back end (1 hour)
Started to focus on debugging

2017-09-01:
Finished errors.py and fix views.py   (1 hour)
Wrote the website design specification for linking the front end and the back end.

2017-09-02:
Further debugging forms.py and fix views.py (3 hours)

2017-09-03:
Meeting, more debugging, testing (this test is for linking both end, we did individual tests at both end in our own time)
Finish up most documentations and diagrams
(totally 20-26 hours)

2017-09-04:
Final debugging, testing and tweaking, manage git history (finally merge)   (8 hours)
Finishing up formatting the development log and the velocity chart.

Front End:
2017-8-27:
Discussed which type of templates that are required. (30 mins)

2017-8-28:
Basic learning of HTML, CSS, of extremely basic html renderings. (2 hours)

2017/8/29:
Template files created for:
Index.html
Questions.html
Admin_panel.html
Create_question.html
Edit_question.html
(3 hours)

2017-8-30:
Refined html, Added some structure to the template structures.
POST and GET methods are edited depending on the form type etc.
Start of development: Admin side of survey
-Basic decision on CSS styling
-Navagation bar decisions
(50 min)

2017-8-31:
Survey template color decisions
Build survey template mainframe
Link decisions and styles
(1 hour)

2017-9-01:

Edit survey CSS attributes
Survey pages formatting
(25 min)

2017-9-02:
Individual survey result formatting (40 min)
Question pool template (20 min)

2017/9/03:
Template files updated to standard.
Questions.html renamed view_question.html
Index.html renamed login.html
CSS Styling applied to ALL templates.
Template structures edited to be the same.
Bootstrap implementation on websites to provide a neater presentation.
Frontend merging with backend
(8 hours)