**Week 0**

Done:

* Created paper drawn images of all pages (total 4)
* Showed images to Heather
* Showed images to Keith
* Updated Trello board with project plan

Working on:

* Working on drawing out relationships between everything
* Math excel spread sheet

To do:

* Make fourth page (login and signup as one??)

**Week 1 – Day 1**

Done:

* Make login and signup – made whiteboard version
* Created a skeleton of:
  + Base html (with minimal bootstrap on base)
    - Should we download bootstrap (not necessary atm. Only downside to the way I am doing this now is that I’d need to have internet access to show people my demo)
  + All html pages w/ connections to base html
  + Routes from one html page to another
  + Creating server.py doc
  + **Result:** user can log in/subscribe and in session’s their cc info can be added to the database.
* Working on drawing out relationships between everything

Working on:

To do:

* Math excel spread sheet
  + Start with one card
  + Move up to two
  + Then three
  + Start thinking about how best to store all pieces of data for each step of the calculations
  + First do in python, then convert it into JS
* Create another table for the three main factors
  + Money
  + Time
  + sanity

Blocked on:

* Cannot push to github. May have altered something in github prior to pushing (deleting the .pyc file in github)
* Want to print out my server and model files and review them to make them more succinct. And join things like login and sign up

**Week 1 – Day 2**

Done:

* Ask my questions about:
  + Model.py
  + Server.py
* Update skeleton with features:
  + Get signup on one route. Not two
  + Figure out the spaces thing on line 91
* Make fourth page (login and signup as one
* Math excel spread sheet
* Math excel spread sheet
  + Start with one card
  + Move up to two
  + Then three

Working on:

* Update skeleton with features:
  + Make homepage button take you to login if session !=
* Math excel spread sheet
  + Figure out how to roll over payment amounts for one card to another once paid off (later stage? Add on??)
  + Start thinking about how best to store all pieces of data for each step of the calculations
  + First do in python, then convert it into JS
* Create another table for the three main factors
  + Money
  + Time
  + Sanity
  + Figure out how to do Boolean values?

To do:

Blocked on:

* Question about my data model, hw should I be storing the credit card inputs?
* How best to take data stored in database (Users, Cards, Values) and then do calculations in javascript

**Week 1 – Day 3**

Done:

* Update skeleton with features:
  + Make homepage button take you to login if session !=
* Create another table for the three main factors
  + Money
  + Time
  + Sanity
  + Figure out how to do Boolean values?
* Convert to PostgreSQL
* Add question to card-submission about min payment section.
  + Dropdown menu

Working on:

* Math excel spread sheet
  + Figure out how to roll over payment amounts for one card to another once paid off **(later stage? Add on??)**
  + Start thinking about how best to store all pieces of data for each step of the calculations
  + First do in python, then convert it into JS

To do:

* Figure out how to calculate payment plan with set amount per month in….. (later???)

Blocked on:

**Week 1 – Day 4**

Done:

* First do in python,
  + Just one card
    - All scenarios in excel spreadsheet worked when converted to python!!!!!!
  + Then make sure you can pass numbers into function. First have variables inside function

Working on:

* First do in python,
  + Then two
  + Then more
* Convert calculations into JS
  + Start thinking about how best to store all pieces of data for each step of the calculations (store as a dictionary)
    - Cards = {‘mastercard 12’: [100, 100, 94, 0], ‘visa 43’: [244, 198, 103, 0]}
    - Cards = [{name: ‘visa 34’, outstanding:1200, minPayment: 35}]

To do:

* + JS inserted into web app
  + Then store calculations into dashboard.html

Blocked on:

* How javascript works.
* Git commit and git push
* Getting calculations.py functions to work. SO LOST

**Week 1 – Day 5**

Done:

* Got query to show up
* Rerouted card submission to show dashboard as it was supposed to do
* Have queried info display in dashboard!
* Working on getting in all user inputs to display in dashboard!
  + Not sure why my query isn’t working….

Working on:

* Then will take that info and pass it into function calculations.py
  + For each card in query, run function calculations.py
  + I think it works but it is too big? Will need to remove all sample cards and then add in only 1
    - Then 2
    - Then 3
* First do in python,
  + Then two
  + Then more
* Convert calculations into JS
  + Start thinking about how best to store all pieces of data for each step of the calculations (store as a dictionary)
    - **Cards = {‘mastercard 12’: [100, 100, 94, 0], ‘visa 43’: [244, 198, 103, 0]}**
    - Cards = [{name: ‘visa 34’, outstanding:1200, minPayment: 35}]

To do:

* + JS inserted into web app
  + Then store calculations into dashboard.html

Blocked on:

* Getting my info to compute (was problem with functions – see below)

**Week 2 - Day 1**

Done:

* First do in python,
  + Then two
  + Then more
* Then will take that info and pass it into function calculations.py
  + For each card in query, run function calculations.py
  + I think it works but it is too big? Will need to remove all sample cards and then add in only 1
    - Then 2
    - Then 3
* Get console to print out all of saved calculations
  + Delete current records
  + Add in only two cards – real examples from excel
* Get all info to display in dashboards
* Make sure all functions have docstrings that say what they should do. Comment stuff!

Working on:

* start working on Javascript stuff.
  + Figure out how this all works with one another
    - Javascript
    - JQuery
    - JSON
    - AJAX
    - Angular??
  + D3 book

To do:

* Update my html and make sure classes and ids are properly labeled (added to Trello)

Blocked on:

* Getting my dictionary of users to display – **resolved**: shouldn’t have nested functions within nested functions. Also needed to make sure apr was turned into a decimal for calculations. Wasn’t before. Now is.

**Week 2 - Day 2**

Done:

* Figure out why D3 stuff isn’t working on ikura site
* Continue going through tutorial
* Figure out how to translate python calculations.py into JSON

Working on:

* Continue going through tutorial

To do:

* Display card payment info on dashboard.html broken down into monthly payments
* Get other API developer accounts just in case ☺
* Going to need to get my data from JSON and have value pairs – for each amount + int rate etc, need to set it to a month variable too. Example Jan pay 100$ = (1, 100) then (2,100)…

Blocked on:

**Week 2 – Day 3**

Done:

* Work with Rachael on click for more cards on card submission page

Working on:

* D3 tutorial
* Get other API developer accounts just in case ☺

To do:

* Think about how to best store data to pass it to D3.
  + Going to need to get my data from JSON and have value pairs – for each amount + int rate etc, need to set it to a month variable too. Example Jan pay 100$ = (1, 100) then (2,100)…
* Also how to store it to display payment plan on dashboard – non visual part..
  + Display card payment info on dashboard.html broken down into monthly payments

Blocked on:

* **Need to add into logic calculations.py a minimum payment that your bank doesn’t allow you to go below…**
* **The calculations work for card debt of 1000 but not on debt of 10….**
* Blocked on for loop for second card….

**Week 2 – Day 4**

**Done:**

**Working on:**

* **Getting info to display properly on dashboard page.** 
  + **Want a list of payments (min and sugg) displayed in two columns. By month**
  + **Then want to insert total amount paid on botton of page**

**To do:**

* **Learn about data frames from panda library**
  + **Will want to iterate through pandas ‘ data frame to display info on HTML**

**Blocked on:**

**<!-- data frame**

**pandas**

**iterat through pandas -->**