

Documentation

Sprint 1

Personas

The three new personas that we came up with in this sprint, Angela, Joe, and Emma. Angela is 34, a single mother of two kids, and recently been through a rough divorce. She used to be fit until all of this happened and she got into a depression state, including gaining a lot of weight in the process. She wants to become fit again and also more confident in herself. She needs something to help her keep track of what she eats, activities she has done, the kind of calorie intake she is up against, and as well as something to motivate her to do better. She needs a points system for when she does a particular activity and for a total of 100 points she gets to do something for herself. She can create this list within our app and for each 100 points she gets to go get or do something from her list.

Joe is a 67 year old, retired man, who lives in a suburb in Oklahoma City. He has been married for almost 50 years to his wife Alice and they have a dog. They got to dog after all their kids moved out about 5 years ago. Two years ago, Joe had a heart attack because of his sedentary life, which caused his arteries to clog. One of his kids thought it would be a good idea to get him a fitbit to help him keep track of his activities, as well as help give him reminders to go and walk the dog as Joe forgets to walk the dog most of the time. With these reminders he can get more walks in with the dog there for increasing his activities and our app can help him see what he has accomplished.

Emma is a very spontaneous, 17 year old, girl that is a cheerleader for the Blue Valley Tigers in Kansas City, Kansas. She has practice that she goes to everyday, so she has no issues with getting exercise. She just has an issue with not eating enough food that will match her calorie intake verses output. She would also like to keep a social outlook with food she eats to make it fun for her. What she needs is an application that can help her keep track of what she eats and making sure she gets the right amount of calorie intake for what her calorie output is. So, she can keep an easy social outlook with her food, we will want her to be able to post things to facebook, pinterest and other social media sites. This way she can get all of her needs in one place.

Scrums

We conducted scrum section to get an idea of who is getting what done and what has gotten done from the last time we meet. These meetings would be face to face, were placed in Hale Library Monday and Wednesday sometime after 3:30pm depending on the day. Also, we met Tuesdays and Thursdays after class. Then, for the weekends we would text each other to let everyone know what was getting done.

Accomplishments

The first thing we needed to accomplish for this sprint was to get our application registered with fitbit. The reason for this is so that we can get access to the fitbit device information. This then allows use to grab the information from the device and place into a database. Therefore, we needed to create a database design which is below in Figure 3.1. This diagram has all of the tables and attributes that we are wanting in our application. We do not have all of these implemented into the database yet but will in the future.

Visual Paradigm Standard Edition(Kansas State University)

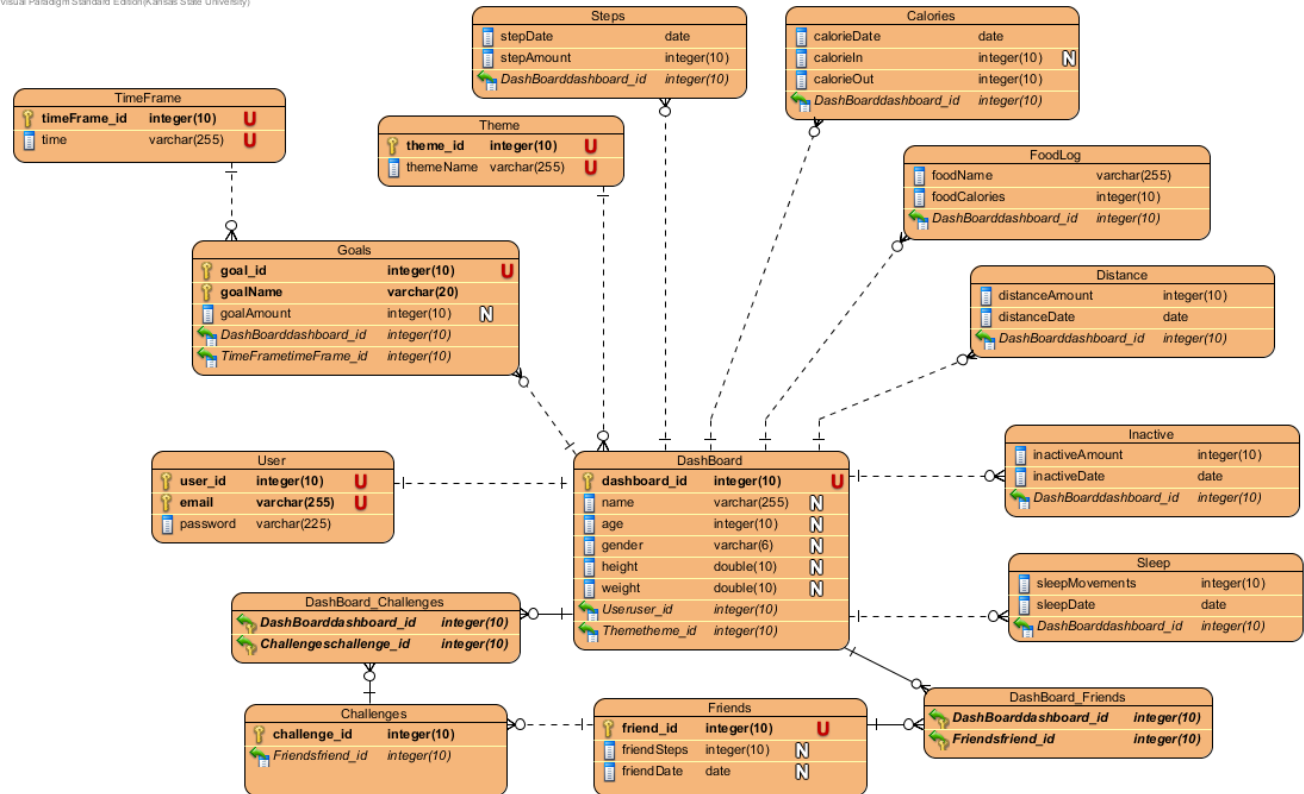


Figure 3.1

We also have accomplished getting the login screen designed and connected to fitbit.com so that the user can login with their fitbit account. Once the user has login in successful it will redirect to the steps page of our application. The way the application redirects is with the help of the omniauth_callback. This callback is possible because of the omniauth gem that allows you to go to one site and transfer back.

We have achieved the login page. Now, the user is able to connect to his or her account. First, the user has to allow us to use his or her data through Fitbit, and after that, he or she can log in.

Another thing we have accomplished is designing the steps page. We use pure HTML and CSS to implement a navigation bar with a menu button, which makes our

page look more like an mobile app. When the user logs in, he or she will be able to view the amount of steps taken of that day, as well as the history of the steps. The data is now hard-coded in StepsController and will be obtained from database in next sprint.

Struggles

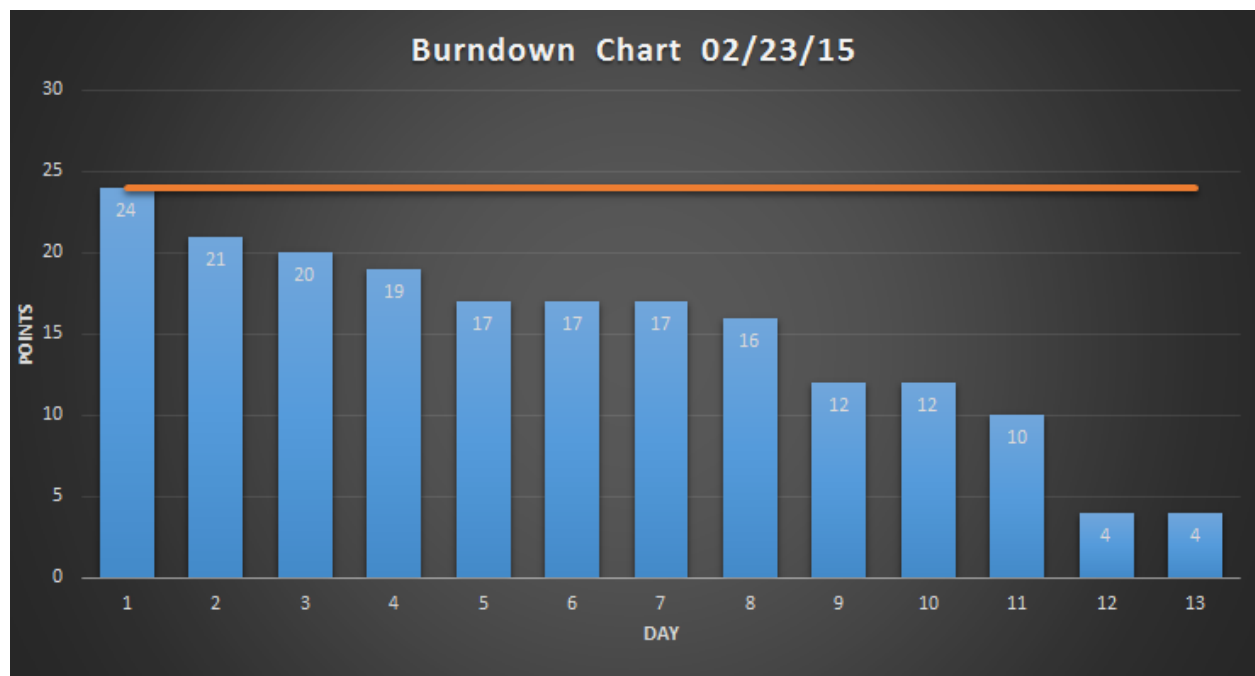
There were some major difficulties on trying to figure out how to get the login page linked up with the fitbit login. The key was in figure out how the button with in the fitbitclient.com works. When finding where the the button linked up within the code of fitbit-client. When finding that we needed to backtrack and research to find out how everything links up.

Also, there have been little issues with Github, conflict files and the merging of those files. Those were solved by checking the files that were different between commits and manually changing them.

We had to adapt to where rails looks for stylesheets, images and so on.

As different people were editing the views for different pages, we had a problem when we shared each final view: the stylesheets were overriding each other. The solution we used is add more ids and classes for our html and css code so each style only applies to the parts they are meant to.

Burn Down Chart



Points in this sprint:	24					
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Start of this sprint:	2/23/2015			Burndown Chart 02/23/15		
Points accomplished:	20					
Day	Marie Pts	Marina Pts	Fei Pts	Days	Points Left	Points Total
1 - 02/24/15				1	24	24
2 - 02/25/15	1	1	1	2	21	24
3 - 02/26/15	1			3	20	24
4 - 02/27/15		0.5	0.5	4	19	24
5 - 02/28/15	2			5	17	24
6 - 03/01/15				6	17	24
7 - 03/02/15				7	17	24
8 - 03/03/15	1			8	16	24
9 - 03/04/15	2		2	9	12	24
10 - 03/05/15				10	12	24
11 - 03/06/15	2			11	10	24
12 - 03/07/15	2	2	2	12	4	24
13 - 03/08/15				13	4	24