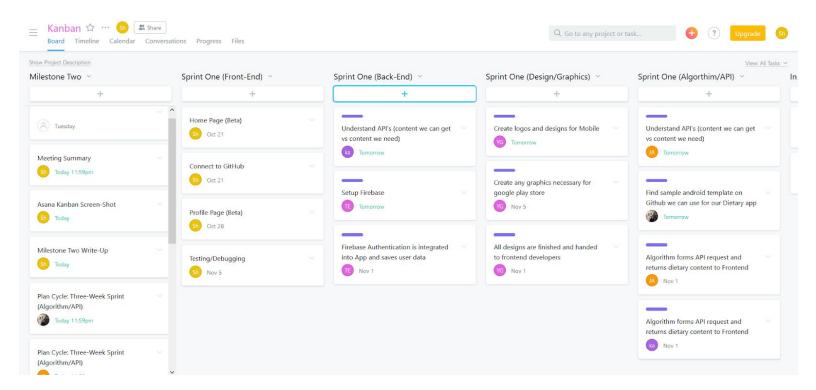# CSCI 3308 Software Development Methods and Tools
Group Project

Milestone 2 Project Tools & Agile Methodology Summary
Due Sunday, October 14 11:59 p.m.

Project Management Tool	ASANA: https://app.asana.com/0/831235054762957/board
Plan Cycle within the Project Management Method	Completed using Asana. Three weeks of sprints for each department and a kanban of "To-Do" tasks.
Agile Methodology	Three meetings held: 10/08/18, 10/11/2018, 10/14/18 Description of meeting included in write-up.

- A screen-shot of your project management tool displaying your project dashboard (sprint tasks and owners, todo, in progress and done lists)

- A pdf file/document describing your project's requirements. This can be somewhat high-level.One page is adequate.

- A pdf file providing a detailed description or graphic (timeline, schedule, GANTT chart) of your project plan showing the order of tasks and who is working on them applied to a calendar.

- A written descriptive summary of your team's agile standup and retrospective meetings

Asana Dashboard

Project Requirements

Functional Requirements (Users' view):
- A login screen
  - Authentication
  - Welcome message
- Profile page
  - Saved past meals
  - Diet option tab
    - User selects diet options they want to apply to meal generation
    - Diet information is displayed
  - User information tab
    - Profile name, email, password
  - Profile picture
    - Option to upload or reupload
  - Sign off option
- Presses "meal button" for user to generate weekly meal program and navigate to third page
  - User reviews meal plan and has the option to save or delete
  - An option to repopulate meal plan

Non-Functional Requirements:
Project Requirements:
- Interface Requirements
  - App loads within 1.69 seconds
  - Users can flow between pages seamlessly
  - Allow users to view there meal plans
  - Allow users to input food restrictions
  - Allow users to sign out
  - Users should be allowed to randomize meals based on preference
- Database Requirements
  - Save user login credentials
  - Able to accept profile picture
  - Save meals to database
  - Save user login information
  - Only users with valid credentials will be authorized to individuals data

GANTT Chart

	Kanban	Sub Tasks	Assignee	Est. Hours	Start Date	Due Date	Task Prog.
	Milestone Two:			-	**14/Oct**	**14/Oct**	**0%**
1	S Milestone Two Write-Up		Shane	-	14/Oct	14/Oct	0%
2	S Meeting Summary		Shane	-	14/Oct	14/Oct	0%
3	TE GANTT Chart		Tim Euken	-	14/Oct	14/Oct	0%
4	S Asana Kanban Screen-Shot		Shane	-	14/Oct	14/Oct	0%
5	Plan Cycle: Three-Week Sprint (A…		david.gerstle	-	14/Oct	14/Oct	0%
6	JA Plan Cycle: Three-Week Sprint (A…		Josh Asmussen	-	14/Oct	14/Oct	0%
7	YG Plan Cycle: Three-Week Sprint (D…		Yiou Gao	-	14/Oct	14/Oct	0%
8	TE Plan Cycle: Three-Week Sprint (B…		Tim Euken	-	14/Oct	14/Oct	0%
	S Agile Stand-Up (Team Meeting)	7	Shane	-	14/Oct	14/Oct	0%
10	k Plan Cycle: Three-Week Sprint (B…		kamenshah@g…	-	14/Oct	14/Oct	0%
11	S Plan Cycle: Three-Week Sprint (F…		Shane	-	14/Oct	14/Oct	0%
	Sprint One (Front-End):			-	**21/Oct**	**05/Nov**	**0%**
13	S Connect to GitHub		Shane	-	21/Oct	21/Oct	0%
14	S Home Page (Beta)		Shane	-	21/Oct	21/Oct	0%
15	S Profile Page (Beta)		Shane	-	28/Oct	28/Oct	0%
16	S TestingDebugging		Shane	-	05/Nov	05/Nov	0%
	Sprint One (Back-End):			-	**15/Oct**	**01/Nov**	**0%**
18	TE Setup Firebase		Tim Euken	-	15/Oct	15/Oct	0%
19	k Understand APIs (content we can …		kamenshah@g…	-	15/Oct	15/Oct	0%
20	TE Firebase Authentication is integrat…		Tim Euken	-	01/Nov	01/Nov	0%
	Sprint One (DesignGraphics):			-	**15/Oct**	**05/Nov**	**0%**
22	YG Create logos and designs for Mobile		Yiou Gao	-	15/Oct	15/Oct	0%
23	YG All designs are finished and hand…		Yiou Gao	-	01/Nov	01/Nov	0%
24	YG Create any graphics necessary fo…		Yiou Gao	-	05/Nov	05/Nov	0%
	Sprint One (AlgorthimAPI):			-	**15/Oct**	**01/Nov**	**0%**
26	Find sample android template on …		david.gerstle	-	15/Oct	15/Oct	0%
27	JA Understand APIs (content we can …		Josh Asmussen	-	15/Oct	15/Oct	0%
28	k Algorithm forms API request and r…		kamenshah@g…	-	01/Nov	01/Nov	0%
29	JA Algorithm forms API request and r…		Josh Asmussen	-	01/Nov	01/Nov	0%
	In Progress:			-	**18/Oct**	**21/Oct**	**0%**
31	S Flow Diagram		Shane	-	18/Oct	18/Oct	0%
32	S Research & Training		Shane	-	21/Oct	21/Oct	0%
	Completed Tasks:			-	**14/Oct**	**14/Oct**	**100%**
34	k Choose Project Management Tool		kamenshah@g…	-	14/Oct	14/Oct	100%

Oct 2018   **Nov 2018**

13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 2

- Milestone Two:
- Milestone Two Write-Up
- Meeting Summary
- GANTT Chart
- Asana Kanban Screen-Shot
- Plan Cycle: Three-Week Sprint (AlgorithmAPI)
- Plan Cycle: Three-Week Sprint (AlgorithmAPI)
- Plan Cycle: Three-Week Sprint (DesignGraphics)
- Plan Cycle: Three-Week Sprint (Back-End)
- Agile Stand-Up (Team Meeting)
- Plan Cycle: Three-Week Sprint (Back-End)
- Plan Cycle: Three-Week Sprint (Front-End)
- Sprint One (Front-End):
- Connect to GitHub
- Home Page (Beta)
- Profile Page (Beta)
- TestingDebugging
- Sprint One (Back-End):
- Setup Firebase
- Understand APIs (content we can get vs content we need)
- Firebase Authentication is integrated into App and saves user data
- Sprint One (DesignGraphics):
- Create logos and designs for Mobile
- All designs are finished and handed to frontend developers
- Create any graphics necessary for google play store
- Sprint One (AlgorthimAPI):
- Find sample android template on Github we can use for our Dietary app
- Understand APIs (content we can get vs content we need)
- Algorithm forms API request and returns dietary content to Frontend
- Algorithm forms API request and returns dietary content to Frontend
- In Progress:
- Flow Diagram
- Research & Training
- Completed Tasks:
- Choose Project Management Tool

Agile Standup

Shane
- Downloaded Android studio
- Need to work on flow for android view
- No obstacles yet

Tim
- Looked at Firebase documentation
- Need to start working on Firebase implementation
- Should not be any difficulties
  - Should take 4-5 days to implement

Josh
- Need to start working on the API, figure out all data that can be passed into API query
- Give Kamen and Shane all data that we can use as constraints
- No obstacles yet

David
- Need to start working on the API, figure out logistics
- No obstacles yet

Yiou
- Need to start designs for logo and views
- No obstacles yet

Kamen
- Need to find an android template
- Need to download android studio
- No obstacles yet