

Group number: 49**Project title: Espresso - Coffee Automation****Client & Advisor: Bill Adamowski****Team Members/Role:**

Lucas Collins (*Communication Lead*)
Jonny Krysh (*Webmaster*)
Jake Long (*Technical Lead*)
Garret Meier (*Team Lead*)
Derek Yu (*Key Concept Holder*)

Weekly Summary

This week we dived deeper into each of our microservices, further designing and writing up API documentation. We then wrote up the bulk of the design document and met twice to discuss choices made in the design document.

Past week accomplishments

- Jake: Worked on user service for design document (0.5 hr), worked on technical stack for design document (1 hr), met with team about design document (2 hr).
- Derek: Met with Jonny on microservices (1hr). Worked on subscription microservice (1.5 hr) and design document (0.5 hr), and met with team to discuss design document (2hr).
- Jonny: Finished and uploaded website (<http://may1734.sd.ece.iastate.edu/>) (1hr). Met with Derek on microservices (1hr). Worked on the billing microservice for design document. (3 hr)
- Lucas: Wrote up and further designed the inventory implementation and API (2 hr). Discussed and revised the design document (2 hr).
- Garret: Built a skeleton Communication service with api's defined last week, dockerized it, and started connecting it to an SQL database (2.5 hr). Added, Communication design documentation along with our testing methodology, requirements and process (2 hr). Discussed design requirements and modifications with the team that we've made in the past week (2 hr).

Pending issues

N/A

Individual contributions

<u>NAME</u>	<u>Individual Contributions</u>	<u>Hours week</u>	<u>Hours cumulative</u>
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Jake	<ul style="list-style-type: none"> ● Design document 	3.5	16.25
Garret	<ul style="list-style-type: none"> ● Built example Communication Service in Golang ● Added Communications, Testing, and Proposed design summary in Design Doc ● Design Documentation Weekly Sync 	6.5	21.0
Lucas	<ul style="list-style-type: none"> ● Wrote up and further designed the inventory implementation and API. 	4.0	17.0
Derek	<ul style="list-style-type: none"> ● Worked on Customer Service ● Met with Jonny about services ● Discussed design document 	1 + 1.5 + .5 + 2	18.0
Jonny	<ul style="list-style-type: none"> ● Finished and Uploaded website ● Worked on Billing Service and Stripe integration 	5.0	21.5

Comments and extended discussion

Plan for coming week (please describe as what, who, when)

- Lucas: Redesign the Inventory API to allow for orders and any other coffee-provider logistics on the supply side of things. Learn Go.
- Jonny: Look into our front-end technologies and begin learning Go. Finish design document. Upload new files to the website.
- Jake: Continue fleshing out the user service. Work on design document.
- Garret: Finish testing portion of design documentation. Sync Communication Service to MySQL and dockerize it all.
- Derek: Begin learning Go. Complete design document. Research more into subscriptions.
- All: Finish up design document, finalize API/microservice decisions, learn Go.

Summary of weekly advisor meeting (if applicable/optional)

N/A