

## Diary

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Date: Jan 17, 2018

Time: 7:15-8:45PM

Who was present: Whole team

Description: First meeting at the lab

Everyone decided their role team agreed. I took note of everyone's roles and shared it in the group chat. I added everyone on Facebook and made a Facebook group and Sabrina did a list with everyone's emails that was posted on the Facebook group We discussed about the project basic requirements We decided to communicate via Discord to allow screen sharing and other very useful utilities it has. William created the git repository with folders We agreed on these basic options to do throughout the project: cash spending (transactions details, input, output) budgeting (amount, set a percent for groceries, rent ,etc) credit cards, debits, loyalty cards (display like a bank application, very visual not much options for the user)

Date: Jan 18, 2018

Time: 7:15-9:20PM

Who was present: Every member

Description: Tutorial 1

We learned about domain model. I decided to do a plan of what the desktop application could look like. I did some basics coding to provide the team with a possible outcome. I shared everything with the team via Discord

Date: Jan 19, 2018

Time: All Day

Who was present: Noemi

Description: Home work

I worked on the use case template to have an idea for the domain model according to the template the TA showed us during the tutorial yesterday. I worked another sample of how the application could look. The Team approved the design of the application I did and Tiantian completed the U User Case Template. I posted on GitHub the design. After collecting and reviewing every teammates schedule, I could tell when we can almost all meet: I created a Google Drive Folder with all necessary documents and shared it with every teammates so they can add, modify documents. Tiantian proposed a Use Case with Latex. William modified my code to make it clearer,

separating, identifying variables. William made a video to explain us how to use Git Genevieve made a schedule to follow for the first iteration

Date: Jan 25, 2018

Time: 7:15-8:45PM

Who was present: Whole team

Description: Lab 2

I checked what has been done during the lab yesterday as I was sick to go. I keep up with what has been done. During the week I ask question about William code for the feature Cash Spending and ask him to make sure he had comments done. I also made sure Sabrina was up to date with her feature. I check with Genevieve if she was doing okay with My Cards feature and I suggested that she uses a Grid Layout so it could be more simple for her to place her components.

Date: Jan 29, 2018

Time: All Day

Who was present: Noemi

Description: Home work

I helped Genevieve with the My Cards features by providing a sample of the output.

Date: Jan 30, 2018

Time: All Day

Who was present: Noemi

Description: Home work

I am helping Genevieve with implementation of cardsUI by doing a JTable and adding all information in it. I started to do the code for the iteration 2 for the my Cards feature..

Date: Jan 31, 2018

Time: 7:15-9:20PM

Who was present: Every member except William

Description: Tutorial 3

Presentation of the work we are doing so far. Everyone in the team noticed that Ashesh did not do any work as a documenter. He did not participate in the discussion nor took any notice of the work to do.

Date: Feb 1, 2018

Time: All Day

Who was present: Noemi

Description: Home work

For iteration 2: Coders: Real (cash spendings), Noemi (my cards), Ornela (budgeting) I fixed the table issue with the feature MyCards and adjusted some details about the Credit class. I change the layout colour too.

Date: Feb 2, 2018

Time: All Day

Who was present: Noemi

Description: Home work

I am working on the MyCard Feature to make the textile Database so we can write and read from it. Also I changed the Cards class to be an interface.

Date: Feb 3, 2018

Time: All Day

Who was present: Noemi

Description: Home work

I am fixing the MyCard feature: making sure the writing to the textfile MyCards is working properly, making sure that the textfile is cleared once the application is used, making sure the read that textfile is working properly. I also made sure the Add a Card is now writing to MyCards.txt, adding data to the TableModel and to the ArrayList `¡Cards¡` and sure the Remove a Card is removing from MyCards.txt the correct line, removing the correct data from TableModel and also from the ArrayList Cards.

Date: Feb 5-6, 2018

Time: All Day

Who was present: Noemi  
Description: Home work  
Working on myCards feature with Genevieve. Fixed last issues with DB.  
Started iteration 2 for my card features.

Date: Feb 7, 2018  
Time: 7:15-8:45PM  
Who was present: Whole team except Ashesh  
Description: Lab 4  
Meeting about the roles for iteration 2. Posted it in the group chat.  
Genevieve, Sabrina and I discussed about my Cards code. I posted the roles of everyone via Discord.

Date: Feb 8-10, 2018  
Time: All Day  
Who was present: Noemi  
Description: Home work  
I finished working on the MyCards feature to make sure it was idiot-proofed. I made sure that Organizers-Documenters (Han, Tiantian, Dong-Son, Ornela) were all on check and everything was ready to be submitted. I have no idea what Ashesh has been up too or has done for this project. Since he never participated or talked to the team. I started to work on iteration 2 as I am a coder for the MyCard feature and it is almost done. I added a type of card "LOYALTYCARD", I add a feature so when the user selects a card, more information about it will come up. I made it ready to be connected to the CashSpendings feature. I made it more user-friendly by adding ImageIcons and colors to it. I also changed some methods and add some exceptions handlings. I made sure the Originality form was virtually signed by everyone. Real was assigned to submit documentation and Theo the code. I made sure they all did their job.

Date: Feb 12-14, 2018  
Time: All Day  
Who was present: Noemi  
Description: Home work  
I worked on my part: MyCards feature. I made sure the Loyalty Card was

working, I edited the visual of the app. I also add a new feature which is the login feature. I made the 3 classes for it and its database text file. I change two-three details in each class to make sure everything was working properly. The application is now more user friendly and is working very well.

Date: Feb 14-28, 2018

Time: All Day

Who was present: Noemi

Description: Home work

I worked on my on my MyCards features and created the Authentification feature too. We decided that we will not do. Multiple users as it is too complex with not using a MYSQL DB. MyCards and the Authentification features are done.

Date: March 4, 2018

Time: All Day

Who was present: Noemi

Description: Home work

Ornela pushed her code and I edited the Color of it and made sure it was idiot-proofed. I changed the size of the application too. Real was in charge of the CashSpending feature but he never worked on it really. After the break week, I decided to do his feature as he seemed to have too much trouble to do it. I remade the code William did for iteration 1 for cash spendings and redid everything to make it user friendly: I created a CashSpending Object with all same expenditures as the Budgeting feature and made the display similar to my MyCards feature. I made sure all transactions were recorded via a textfile too.

Date: March 5-7, 2018

Time: All Day

Who was present: Noemi

Description: Home work

I finished the CashSpending feature but Real will need to connect the cash spending with the Budget features and to do the JUnit test. I also finished connections the transactions to the Cards and made sure the amount of the cards would change and exceptions would be handle.

Date: March 7-8, 2018  
Time: 7:15-8:45PM  
Who was present: Every Member except Ashesh  
Description: Lab  
I did the demo for the TA. I added comment to my files: Authentication features, MyCards feature and ApplicationLayout and Constants so Documenters know what they need.

Date: March 10-18, 2018  
Time: All Day  
Who was present: Noemi  
Description: Home Work  
I did the sequence diagram from MyCardsUI and AuthenticationUI for the documenters.

Date: March 21, 2018  
Time: 7:15-8:45PM  
Who was present: Everyone  
Description: Lab  
We officially decided everyone's role for iteration 3. We also set deadline for Coders (April 1st), Documenters (April 8th).

Date: March 22-April 3, 2018  
Time: Not specified  
Who was present: Everyone on Discord Chat  
Description: Discord, Organization  
William did not organize properly the coders so he assigned same work for Ashesh and Dong-son. Ashesh apparently did his part but he never pushed his code on GitHub so we only used Dong-son version of the code for Budgeting. Theo was a coder for iteration 3 and he did not organize himself properly to be on time so I ended up doing his part for CashSpending. I added a button to visualize all expenses done with all cards. William did MyCards code by creating a new type of card although Documenters thought it was not a new use case so I.  
I also added in MyCardsUI a button to allow user to do a payment from an existing debit card to an existing credit card. It will then adjust all information in the database text file and in the table and in the array.

Date: April 3-5, 2018

Time: Not specified

Who was present: Me

Description: Homework

Since Ashesh did not propose any new help he was not active at all during the whole project even though we tried to involve him, I ended up doing MyCards new use case and Cash Spending.

Cash spending use case was about a new button to show all expenses done by all cards to the users. MyCards use case was a button that will allow the user to do a payment from an existing debit card to an existing credit card.

I was helped by Genevieve to do the JUnit Testing. Dong-Son did the budgeting use case.

Date: April 4-6, 2018

Time: Not specified

Who was present: Me

Description: Homework

I decided to also do a "lifting" to the application by changing its appearance.

I made sure each feature had a similar setting and re-position the buttons.

I proposed my help to the Documenters to understand the code too and they said they were fine.

Date: April 8, 2018

Time: 3:20PM

Who was present: Me

Description: Homework

I reviewed the code and added comments and restructured some part of it.

I submitted the code to EAS as "Project 3" and sent the confirmation log to the team via discord.