# Group 3

## Meeting Minutes

January 26th 2022

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| --- | --- |
| Present: | James Cazares, Khalil Cato, Sirpreet Kaur, Amanual Wolde, Diego Castaneda, The Client |
| Next meeting: | Feb 2nd 2022, 4:15pm, Breakout Room #3 |

1. Announcements

We were assigned the banking system for our semester project.

1. Discussion

General introduction to the topic; Discussed that multiple banks would talk to each other. Our system would have the following GUI’s: Employee, Member and ATM. Members and Employees should use ID’s/Usernames and ATM’s should use card and pin verification. System should be able to handle multiple banks speaking to each other. The banking system should be written in Java and no website interface will be required. Lastly the banking system should be a class with Total, Withdraw/Deposit and keep logs/records of all actions.

1. Roundtable

The team is brainstorming additional banking system requirements and will meet next week to discuss with the client further

February 2nd 2022

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| --- | --- |
| Present: | James Cazares, Khalil Cato, Sirpreet Kaur, Amanual Wolde, Diego Castaneda, The Client |
| Next meeting: | Feb 20th 2022, 11:30am, Discord Voice Chat |

1. Announcements

None

1. Discussion

Client once again described to us that the offices/different branches need to be able to communicate with each other. Employees can open and close member accounts as well as deposit money, move money around, etc. ATM machines should have a basic withdraw, deposit, check balance interface. Employees should also be able to open and close member accounts as well as view logs of a members transactions/actions. Withdraws should only go through if the requested amount is available in their balance.

1. Roundtable

The team is thinking about what it means for banking system to talk to each other and will return next week for further requirement clarification.

February 20th 2022

|  |  |
| --- | --- |
| Present: | James Cazares, Khalil Cato, Sirpreet Kaur, Amanual Wolde |
| Next meeting: | Feb 23rd 2022, 4:15pm, Breakout Room #3 |

1. Announcements

Project Requirement Phase 1 Due the 21st

1. Discussion

Met with everyone to assign their assigned parts of Project Phase 1. Sirpreet chose to work on the Use Case Specification Documentation, Amanual took the Use Case Diagram part, Khalil offered to take care of the SRS Document, and James chose between CRC Cards and Sequence Diagrams. Diego was defaulted to Sequence Diagrams. After assigning everyone their parts, the group asked clarification questions about their parts such as how many Use Cases needed to be put into the Use Case Specification Document, it was decided that there should be enough to go through deposits, withdraws, checking account balance, transfers, opening/closing of accounts as well as the prior functions in different interfaces. It was also decided that James would gather everyone’s contributions and submit for the group as well as handle the Meeting Minutes.

1. Roundtable

The group is hard at work on their parts of the project and will gather submissions before the deadline.

February 23rd 2022

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| --- | --- |
| Present: | James Cazares, Khalil Cato, Sirpreet Kaur, Amanual Wolde, Diego Castaneda, The Client |
| Next meeting: | February 28th 2022, 3:50pm, Breakout Room 3 |

1. Announcements

Resubmission was allowed until the 25th of February

1. Discussion

After receiving feedback on the project phase 1 submission, the group asked further clarifications about the banking system. Regarding Credit and Debit Cards, the professor said Credit cards were not needed and the same would go for interest rates. Credit cards will be removed from the requirements list. The question of whether to tie a debit card to a single checking/savings account or to connect the card to all of the members accounts was also brought up, even after considering both sides, the decision is still unclear, will return to discuss this topic further. For resubmissions James will redesign the meeting minutes and Sirpreet Volunteered to do work on the schedule.

1. Roundtable

James and Sirpreet are working on the parts to be resubmitted.

February 28th 2022

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| --- | --- |
| Present: | James Cazares, Khalil Cato, Sirpreet Kaur, Amanual Wolde, Diego Castaneda, The Client |
| Next meeting: | March 16th 2022, 3:30pm, Zoom |

1. Announcements

Resubmission was allowed until the end of March 2nd

1. Discussion

The professor/client provided us with feedback that we needed to adjust our schedule to more resemble a Gantt chart in addition to needing to fix formatting errors inside our SRS document. We also discussed details of our banking system such as: a single card being used to access multiple bank accounts instead of carrying an absurd number of cards, there being savings and checking’s accounts; specifically, that savings would not provide interest but would have a withdraw limit compared to checking’s accounts, we also reconfirmed that no database would be needed for the banking system and that we could store information in a text file.

1. Roundtable

Sirpreet and Khalil are working on their parts to be resubmitted. In addition the entire group will work on a slide show presentation for Wednesday.

March 16th 2022

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| --- | --- |
| Present: | James Cazares, Khalil Cato, Sirpreet Kaur, Amanual Wolde, Diego Castaneda, The Client |
| Next meeting: | April 4th 2022, 3:30pm, Zoom |

1. Announcements

None

1. Discussion

The professor/client provided us with ideas for classes such as a message class in addition to classes for our ui components.

1. Roundtable

The team is currently brainstorming design choices

April 4th, 2022

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| --- | --- |
| Present: | James Cazares, Khalil Cato, Sirpreet Kaur, Amanual Wolde, Diego Castaneda, The Client |
| Next meeting: | April 6th, 2022, 2:30 pm Discord |

1. Announcements

Presentations will be given on 4/6/22. Design Documents

1. Discussion

Went over what was required for the 6th, this includes design documents, presentation material, github link, meeting minutes. As for the design document, it should resemble the requirements document in addition to the material found on the software engineering slides.

1. Roundtable

The team is currently making the presentation slides and working on the design document

April 6th, 2022

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| --- | --- |
| Present: | James Cazares, Sirpreet Kaur, Amanual Wolde, Diego Castaneda |
| Next meeting: | Unscheduled |

1. Announcements

Presentation will happen later today

1. Discussion

Discussed further design choices such as how to store account numbers, how employee and atm simply draw from the banking system and use its methods. We also practiced presenting with the goal of limiting ourselves to 5-6 minutes. Khalil will not be with us for the design document/presentation because of familial issues;

1. Roundtable

We are currently working on the design document and will continue practicing the presentation until class starts.

April 29th, 2022

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| Present: | James Cazares, Sirpreet Kaur, Amanual Wolde, Diego Castaneda, Khalil Cato |
| Next meeting: | May 1st, 2022 Discord |

1. Announcements

Implementation phase needs to begin

1. Discussion

Reminded the group the deadline and presentation are approaching, everyone was assigned a piece of work. The group begin the initial implementation steps such as importing directories, getters/setters, etc.

1. Roundtable

We are currently working on the Banking Systems Implementation Phase.

May 1st, 2022

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| --- | --- |
| Present: | James Cazares, Sirpreet Kaur, Amanual Wolde, Diego Castaneda, Khalil Cato |
| Next meeting: | May 2nd, 2022 7pm Discord |

1. Announcements

Presentations will happen on Wednesday, as well as project submissions

1. Discussion

Group continued working on their assigned parts from the previous meeting, talked about how we would be presenting our project. Settled on a live demo if we are able to get the project working on time with a brief overview of requirements and UML diagrams.

1. Roundtable

Group is still hard at work on completing their assigned classes

May 2nd, 2022

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| --- | --- |
| Present: | James Cazares, Sirpreet Kaur, Amanual Wolde, Diego Castaneda, Khalil Cato |
| Next meeting: | May 3rd, 2022 7pm Discord |

1. Announcements

Overhaul of current code needs to be done

1. Discussion

Came together to combine everyones code, in the process realized we had to overhaul many classes such as the banking system, message class, employee class, and more. Tried to get everyone on the same page and revisions underway. Talked with others about how we would achieve certain functionality. Problems included arguments being passed in the wrong order, assumptions certain functionality would be handled elsewhere, and class functions not being clearly communicated.

1. Roundtable

Group is communicating together to redesign the banking system.

May 3rd, 2022

|  |  |
| --- | --- |
| Present: | James Cazares, Sirpreet Kaur, Amanual Wolde, Diego Castaneda, Khalil Cato |
| Next meeting: | May 4th, 2022 12:15 Discord |

1. Announcements

None

1. Discussion

Regrouped with members to continue overhauling current implementation, functions were reorganized, arguments were properly sorted, and small server client tests were performed. The group was able to get the connection as well as deposit/withdraw functions working.

1. Roundtable

Continued revisions are being made and the team is working on fixing functionality.

May 4th, 2022

|  |  |
| --- | --- |
| Present: | James Cazares, Sirpreet Kaur, Amanual Wolde, Diego Castaneda, Khalil Cato |
| Next meeting: | None |

1. Announcements

Submissions and Presentations would be given today

1. Discussion

Continuously worked until the deadline to get a live demo as working as possible, redoing code over and over to fix errors until 5 min before the presentation where we had to face reality and show off what we had and discuss the challenges we faced. In the end we learned the importance of a design document keeping everyone on the same page, because if we were all on the same page we’d’ve been able to complete the project to a much more functional version.

1. Roundtable

We gave it all we could for a few days before the presentation but due to miscommunication we had to settle with a not very functioning demo, the team will continue trying to fix the project even after the presentation and will also make sure documents and code are updated everywhere.