

## **Meeting Notes:**

6/7/21 7:30p

In Attendance:

Aaron, Huan

Client

### **Promises:**

1 Server App, 2 Client Apps: ATM & Teller

TCP/IP

Save file/data structure

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6/9/21 7:30p

In Attendance:

Aaron, Dolu, Huan

Client

Encryption is appropriate but not required.

Not online banking

GUI does not need to be beautiful

Message Passing highly advised

### **Promises:**

GUI ATM

Buttons

GUI TELLER

Buttons

Text on buttons

Text boxes

Good Documentation

Implementation in accordance with documentation.

TCP/IP

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6/14/21 7:30p

In Attendance:

Aaron, Dolu, Huan

Client

Maybe Joint Accounts

No withdrawal from negative account

**Promises:**

Negative Balances

Can deposit to negative account

Fees

Multiple Accounts

Types: Savings and Checking

Customer numbers + Account numbers

5k Max Transfer

Simple Dividend

ATM Local cash balance

Multiple Simultaneous users!

Balances precise to within one tenth of a penny (\$ 0.001)

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6/21/21 6:30p

In Attendance: Huan, Aaron, Dolu, Client

Any arbitrary number for fees & ATM balance

No joint accounts, unnecessary

Flexibility on designs

Create object, passing messages over

Limited messages?

Store into one file per account

Every line contains a single record

Name, account, balance

Should not be processing records live

Load records into memory

Database is reading from live

Tellers don't have accounts, have usernames

Different file for bank statements (or on the fly)

Encryption not needed unless confident

**Promises:**

Provide a way to store records offline

When booting up, read from records

Button on GUI (Insert a card)->drop down box of all available acc #

different levels of employees

Customers, account, employees, PIN

Don't do database, prebuilt

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6/23/21 6:15p

In Attendance: Aaron, Dolu, Client

Design docs needed and not ready. Must be complete/final rough draft by Monday

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6/28/21 6:15p

In Attendance: Huan, Aaron, Client

General Notes:

**Promises:**

Server logs messages

Threads do authentication

Assume Client and Server drop off

Client must reconnect to finish process

Server must watch for fake connections, late connections, or drop off

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7/7/21 7:00p

In Attendance: Huan, Aaron, Dolu, Client

Agenda: Q & A

General Notes:

Any interface for Server would be appropriate

**Action Item:**

Sequence Diagram Teller/Server

Sequence Diagram Message ATM

Sequence Diagram Message Teller

**Promises:**

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Attended	<b>Huan L</b>	<b>Aaron G</b>	<b>Dolu O</b>	
Date	<b>7/9/21</b>	Time	<b>2:00pm</b>	<b>3:30PM</b>

Objective:	Implementation	
Topic	Notes	Questions
<b>PR Reviews</b>	<ul style="list-style-type: none"> <li>• Need to get done</li> </ul>	
<b>ATM Transactions</b>	<ul style="list-style-type: none"> <li>• 1: Work in progress</li> <li>• 2: No</li> </ul>	<ul style="list-style-type: none"> <li>• 1: How is it used?</li> <li>• 2: ATM keeps transaction data?</li> </ul>
<b>Pull Requests</b>	<ul style="list-style-type: none"> <li>• 1: Auto button at top just after commit and push</li> </ul>	<ul style="list-style-type: none"> <li>• 1: How again?</li> </ul>
<b>Message &amp; Packet</b>	<ul style="list-style-type: none"> <li>• msg.perform variable holds type: Process enum</li> <li>• Server only knows what is in the message</li> <li>• ATMPacket: for ATM login</li> </ul>	<ul style="list-style-type: none"> <li>• How does Message work?</li> </ul>
<b>Customer File</b>	<ul style="list-style-type: none"> <li>• Just last transaction</li> <li>• Maybe include for each, ATM &amp; Teller</li> </ul>	
<b>Employee Class</b>	<ul style="list-style-type: none"> <li>• 1: Move to Teller</li> </ul>	<ul style="list-style-type: none"> <li>• 1: Why are these methods? Why not Teller?</li> </ul>
<b>Customer / Employee vs User Naming</b>	<ul style="list-style-type: none"> <li>• No User in Teller</li> <li>• User only in ATM</li> <li>• 1: Accounts live inside Customer Object</li> </ul>	<ul style="list-style-type: none"> <li>• 1: Customer can be made w/o Account?</li> </ul>

<b>GUI / Teller-ATM interaction</b>	<ul style="list-style-type: none"> <li>1: Both will handle main ops. GUI readies info (to ATM or to Human)</li> <li>Teller is <i>very</i> large bc multiple roles: Customer, Employee, Supervisor</li> </ul>	<ul style="list-style-type: none"> <li>1: Will the GUI handle main ops or ATM?</li> </ul>
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Action	Owner	Deadline
Pending Class	DO	7/9/21
ATMPacket empty constructor	AG	7/9/21
Fee Class	HL	7/9/21
AG PR Reviews	DO	7/9/21

Decision	Who	Why
ATM does not store transaction info	AG	No backup file
Move Employee Customer handling methods to Teller	HL	Teller is the focus for these operations anyway
Customer can be made w/o Account	AG	Existence of Customer precedes Account
Login uses hardcoded dummy credentials for early build out	AG	Server needs to validate credentials anyway

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Attended	<b>Huan L</b>	<b>Aaron G</b>	<b>Dolu O</b>	
Date	<b>7/13/21</b>	Time	<b>2:00pm</b>	

Objective	<b>Presentation &amp; Implementation</b>
TOPIC:	<b>New Meeting Notes</b>
?	notes: <ul style="list-style-type: none"> <li>Review last meeting</li> <li>“ “ : Name</li> </ul>
TOPIC:	<b>Status update</b>
<ul style="list-style-type: none"> <li>Huan, Teller &amp; GUI</li> <li>Dolu, ATM &amp; GUI</li> <li>Aaron, Server</li> </ul>	<ul style="list-style-type: none"> <li>Review Gantt Schedule</li> </ul>
TOPIC:	<b>Presentation Rehearsal</b>
<ul style="list-style-type: none"> <li>What is our Message solution?</li> <li>slides?</li> </ul>	<ul style="list-style-type: none"> <li>5 - 10min</li> <li>Basic description of project <ul style="list-style-type: none"> <li>Functional Client ATM and Teller which interact with a bank Server</li> </ul> </li> <li>Overview of fn reqs</li> <li>Overview high level design</li> <li>Intro/describe Message Solution</li> </ul>
TOPIC:	<b>Go Over Sequence Diagrams</b>
<ul style="list-style-type: none"> <li>Do they follow from Code?</li> <li>Do they follow from Class Diagram</li> </ul>	<ul style="list-style-type: none"> <li>Help getting to the Same Page</li> </ul>
TOPIC:	<b>Testing Plan</b>
<ul style="list-style-type: none"> <li></li> </ul>	<ul style="list-style-type: none"> <li>Testing class for our implemented classes, rough draft</li> <li>Final draft, testing classes by someone other than implementer</li> <li>Due Tomorrow</li> </ul>



TOPIC:	<b>File Handler</b>
<ul style="list-style-type: none"> <li>What are the Methods?</li> <li></li> </ul>	<ul style="list-style-type: none"> <li>Break up assignment by Method instead of Class</li> <li>Due Friday</li> </ul>
TOPIC:	<b>Server to different IP Test</b>
<ul style="list-style-type: none"> <li></li> <li></li> </ul>	<ul style="list-style-type: none"> <li>We can do multiple clients, same time</li> <li></li> </ul>

Action Item	Owner	Deadline
Update Teller class diagram	HL	4PM
Update ATM class diagram	DO	4PM
Update Server class diagram	AG	4PM
Message Solution	AG	4PM
Get DO Eclipse fixed, sched OH w Prof.	DO	

Decision	Who	Why
High Level design in presentation, use Class diagrams	HL	Best diagram for it that has been made/updated
Not doing slides	AG	other resources available

(For use w Client only)

Promises	
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