

This are all messages found in the given date range (2017-01-09 & 2017-04-09)

FEB 28TH, 4:58PM

Jarod



Soft eng chat

Jarod named the group Software Engineering: Process and Tools.

Anesu



Sup

MAR 1ST, 1:45PM

Jarod

Monday		+10:30 to 12:30 COSC-1107-AUSCY-S1-TUT01/03 056.06.090 Tutorial	+12:30 to 14:30 COSC-2391-AUSCY-S1-PRA01/02 014.10.030 Practical	+14:30 to 16:30 COSC-2391-AUSCY-S1-LEC01/01 012.10.002 Lecture	+16:30 to 18:30 COSC-2299-AUSCY-S1-LEC01/01 080.04.006 Lecture	
Tuesday			+12:30 to 14:30 COSC-2536-AUSCY-S1-LEC01/01 080.04.011 Lecture		+15:30 to 16:30 COSC-2536-AUSCY-S1-TUT01/08 056.07.093 Tutorial	+16:30 to 18:30 COSC-2299-AUSCY-S1-TUT01/02 014.06.013 Tutorial
Wednesday			+12:30 to 14:30 COSC-1107-AUSCY-S1-LEC01/01 080.01.002 Lecture			+16:30 to 17:30 COSC-2536-AUSCY-S1-PRA01/05 014.09.015 Practical
Thursday				+14:30 to 15:30 COSC-2123-AUSCY-S1-TUT01/03 057.03.010 Tutorial	+15:30 to 16:30 COSC-2123-AUSCY-S1-PRA01/02 014.10.031 Practical	+17:30 to 19:30 COSC-2123-AUSCY-S1-LEC01/01 080.04.011 Lecture



Weekly timetable for Russell Menezes

	8:30	9:30	10:30	11:30	12:30	13:30	14:30	15:30	16:30	17:30	18:30												
	8:15	8:45	9:15	9:45	10:15	10:45	11:15	11:45	12:15	12:45	13:15	13:45	14:15	14:45	15:15	15:45	16:15	16:45	17:15	17:45	18:15	18:45	
Sunday																							
Monday																							
Tuesday		+08:30 to 10:30 COSC-1107-AUSCY-S1-TUT01/01 056.05.097 Tutorial		+11:30 to 12:30 COSC-2536-AUSCY-S1-TUT01/06 057.03.010 Tutorial	+12:30 to 14:30 COSC-2536-AUSCY-S1-LEC01/01 080.04.011 Lecture			+15:30 to 16:30 COSC-2536-AUSCY-S1-PRA01/07 056.04.083 Practical	+16:30 to 18:30 COSC-2299-AUSCY-S1-TUT01/02 014.06.013 Tutorial														
Wednesday			+10:30 to 12:30 COSC-1179-AUSCY-S1-LEC01/01 013.03.009 Lecture	+12:30 to 14:30 COSC-1107-AUSCY-S1-LEC01/01 056.05.085 Lecture																			
Thursday																							
Friday																							
Saturday																							

Anesu



I assume this is supposed to help plan the meeting?

Yea

Anesu

	8:30	9:30	10:30	11:30	12:30	13:30	14:30	15:30	16:30	17:30	18:30											
	8:15	8:45	9:15	9:45	10:15	10:45	11:15	11:45	12:15	12:45	13:15	13:45	14:15	14:45	15:15	15:45	16:15	16:45	17:15	17:45	18:15	18:45
Sunday																						
Monday				+10:30 to 12:30 COSC-1107-AUSCY-S1-T TUT01/03 056.06.090 Tutorial		+12:30 to 14:30 EEET-2369-AUSCY-S1-PRA01/04 012.08.031 Practical											+16:30 to 18:30 COSC-2299-AUSCY-S1-LEC01/01 080.04.006 Lecture					
Tuesday				+10:30 to 11:30 EEET-2096-AUSCY-S1-TUT01/01 010.13.016 Tutorial		+12:30 to 14:30 EEET-2096-AUSCY-S1-LEC01/01 080.11.010 Lecture										+16:30 to 18:30 COSC-2299-AUSCY-S1-TUT01/02 014.06.013 Tutorial						
Wednesday		+08:30 to 10:30 EEET-2096-AUSCY-S1-PRA01/02 010.09.013 Practical				+12:30 to 14:30 COSC-1107-AUSCY-S1-LEC01/01 056.05.085 Lecture		+14:30 to 15:30 EEET-2369-AUSCY-S1-LEC01/01 080.02.007 Lecture								+16:30 to 18:30 EEET-2290-AUSCY-S1-PRA01/04 010.10.029 Practical						
Thursday						+12:30 to 13:30 EEET-2369-AUSCY-S1-LTL01/03 080.11.010 Lectorial																
Friday						+13:30 to 14:30 EEET-2369-AUSCY-S1-TUT01/03 008.11.068 Tutorial			+15:30 to 16:30 EEET-2290-AUSCY-S1-TUT01/01 012.11.019 Tutorial		+16:30 to 18:30 EEET-2290-AUSCY-S1-LEC01/01 008.11.068 Lecture											
Saturday																						



Jarod

Looks like Tuesday 14:30-15:30 is free for us



Spencer

The screenshot shows a weekly timetable for Spencer Porteous from Monday to Friday. The timetable includes various classes and tutorials across different timeslots. A legend at the bottom right indicates the following colors for class types:

- Green:** C09C-2123-AUSCY-51-012.10.034 (Tutorial)
- Yellow:** C09C-2269-AUSCY-51-012.10.004 (Lecture)
- Blue:** C09C-2299-AUSCY-51-014.06.013 (Tutorial)
- Red:** C09C-2113-AUSCY-51-057.03.010 (Tutorial)

System messages:

- Please note that you can modify your booked timetable in STS for Semester 1 2016 up until Friday 17 March 2017 11.59 pm.
- For an optimal STS experience, please use Google Chrome or Mozilla Firefox.
- Timetabling Questions? Please refer to the [RMITConnect Portal](#) if you have any questions.

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MAR 2ND, 3:03PM

Anesu

Wow that is a nice timetable on Spencer's behalf LOL.



Anyway, so we are only going to meet once a week? (Not including the inclass meeting)



I'm fine with one a week but if you guys want to have more meetings I'm alright with it



I am fine with that as well. Problem is, I don't know if it's enough for our tutor for an HD LOL

I'm also good with once a week + meeting in the tute aswell



Yeah how about we do one this week and then next week we ask the tutor?

 Anesu

Yeah, that's fine with me. Wait, by one you mean the one we already did right? Or you mean another one?

 Spencer

maybe one meetup in person and one 5 minute group call?

 Anesu

^ Good suggestion

 Spencer

and we never mention that it's a group call

 since scrum meetings are meant to be in person Anesu

You might wanna delete that message from the message logs then 😂

 Spencer

They won't read this I don't think

 Anesu

Nah, apparently we are supposed to put message logs at least I thought I heard. I could completely wrong though (I hope anyway)

 Spencer

I don't think it'll matter we can just omit stuff

 Anesu

^ Yeah I know, still wonder if we really need to though, kinda not a fan of the idea LOL

MAR 2ND, 8:11PM

 Spencer

Russell you're doing computing theory right? i found a pdf of the textbook if u want

Yes please!! Thanks so much 😊

 Spencer

<https://drive.google.com/open?id=0B1fvMxW5u-ohWHY1REgtVHRhQWc>

Meet Google Drive – One place for all your files

Google Drive is a free way to keep your files backed up and easy to reach from any phone, tablet, or computer. Start with...

 accounts.google.com

Thanks man!!!!

MAR 5TH, 3:21PM

 Anesu

Sorry to bug you on an unrelated topic (this should be the only time hopefully). I was looking into tutorial 2 for computing theory, does anyone know what or where this is referring to?



COSC1125/1127 Computing Theory
School of Computer Science and IT
RMIT University
Semester 1, 2017
Tutorial No. 2
Regular Expressions & Grammars



Preparation

Before this tutorial you are expected to have read Section 3 of the Computing Theory notes.



The powerpoint slides or chapter 3 in the book?

There's a document online that's the computer theory notes, I think it's referring to them

Jarod

Just looked it up, it's under extra materials



I think it's this one?

↓ CT17-notes.pdf



Anesu

Cool thanks!



Jarod



MAR 7TH, 10:39AM



Anesu

So I assume we are meeting at 2:30? Where?

MAR 7TH, 12:18PM



Jarod

Im cool with that



Anesu

Although we would have 2 hours. Maybe 3:30 or something? Unless if we ate planning to get a lot done today?



Jarod

3:30 is better for me

I have a prac on at 3:30 😞



Jarod

Rip

Well 2:30 works for me

I'm just going this week to see if it's worth going, if it's not I won't be going g to it next week

Where abouts are we meeting?

Anesu



Ok 2:30 it is lol. Whatever level that has the study area in building 10/12?



Jarod

Sounds good, wanna meet at that one on floor 10 building 12

Sounds good



Anesu

So anyone know what level it is of the top of their head? Is it 9?



Jarod

I think it's floor 10 but if it isn't we'll just find somewhere else

The hexagon one? The green level or white level?



Jarod

10 is hexagon, 11 is green



Anesu

LOL, whichever has seats and a table is fine with me 😊. Lets go to 10 then and we can move if there isn't enough space or whatever



Spencer is completely unaware of this arrangement it seems LOL



Spencer

yeah hahah i had work till 6am last night so i just woke up, won't make 2.30



i'll be in class though and i can message you guys



Jarod

Hey im gonna be 15 minutes late sorry



Anesu

I am here. Also pretty much every level has these study areas cos of the new construction lol.



Jarod

Nice I'll be there soon within 10 mins

We are in a spot under the stairs



Jarod

Yup



Jarod

<https://docs.google.com/a/rmit.edu.au/document/d/1qu6lrqAK0Jb4F52ldhJITgVXcLwMcGtWcRrFBt6axml/edit?usp=sharing>



Anesu

Spencer, how good are you with GUI



Spencer

Should be okay, will just reuse code from SEF



Anesu

nvm we were trying to assign tasks and we had GUI as a separate task, but now we are doing it class based. Like someone will be responsible for the Menu class etc

Just look at the Goofle doc shared above



google*

MAR 7TH, 5:07PM

meeting minutes doc <https://docs.google.com/a/rmit.edu.au/document/d/1rkdaoORfiDo-ZVUR5Rx-a4CnLhrvNQhKZVshcf3bjQc/edit?usp=sharing>

Spencer



I'm gonna create function names that we need for the Week 3 Task to work. Then we'll just discuss who's doing which class, and who's finishing user stories. And we're all good for a week

Jarod



Sounds good

MAR 7TH, 11:11PM

Jarod



I'm not going to push the classes tonight because there is a bit more work to be done before it's ready but it should be up by tomorrow night

Anesu



Spencer



MAR 8TH, 11:21PM

Jarod

I've done all the classes but I just need to add comments to them, I'll push it tonight - here is the class diagram (I'll add it to Trello as well) <https://www.lucidchart.com/documents/edit/c007ea90-63f9-49aa-9684-75b5d3e6a40f#>

Log in



lucidchart.com

Sweet! Thanks Jarod 😊

Jarod





Anesu

Can't access it right now cos I forgot my password lol. Will look at it later when I am not doing anything.

And would like to echo the words of Russell!

Jarod

Thanks, getting there!

MAR 9TH, 11:03AM

Anesu

Hey guys, what would be the earliest time to meet tomorrow?

Spencer

we have a meeting at 12.30 don't we?

Anesu

Ahh, I am planning to catch a 1:20 train from Southern Cross, so don't know if that's possible lol

If we can't I can book a 7pm train instead, so that would be fine. Just need to know before 12pm today in that case

Spencer

i'm fine with having an earlier meeting, is 11 okay for you?

Anesu

Yes, I am available anytime really

Jarod

11 is fine

Anesu

Cool 11 it is then!

MAR 9TH, 5:55PM

Jarod

The private functions are more of a guide, as long as the public functions accept and output the proper stuff it should be fine.

If any of you guys have a better idea on how to handle the permissions that would be good.

Jarod

I've gotta change a couple of things, I want to combine the two managers UserManager and BookingManager

Also one of my friends told me that employee isn't mentioned to actually be a user type in the system so I might need to change something with that

Anesu

Sorry have been offline just got back home. Will start working on this after dinner. And yeah, remember when I asked you did mention the employee had to create a different account cos the spec never mentions them being able to be a user

Very strange system gotta say, but yeah LOL

Spencer

Does it matter? It's probably easier to code if it's a user account cos we can just use inheritance



Otherwise we need to make another login system

Anesu

I agree, that was kinda my thought, but it does introduce several other things we would need to do, like somehow allow the employee to be able to "switch between modes" or I guess they can have all the options at once I guess. WHatever the solution might be

Jarod

Yeah you guys are right, I'll keep the employee as a user type

Spencer

We should read the spec again

Anesu

I remember talking about it looking at the spec and it didn't mention about that area clearly I think. Could be wrong though

Jarod

I wanted to simplify it because I saw another class diagram that used MVC which was a lot simpler than the one I made

I think we still implement employee as a user and ask about it in class?

Anesu

We definitely should, thats like the logical way to do it

MAR 9TH, 9:05PM

Anesu

I am just doing the user stories, but I was wondering if the skeleton classes are actually final to pull or you are still working on them?

Jarod

I'm gonna quickly make some changes right now

Just combining user manager and booking manager

Anesu

So for the user stories how many scenarios are we supposed to do? So far I have registering customer and login, just wondering how many we need to do

Jarod

Is one for every menu entry too much? We can split who does which user story based off what parts we're doing (whoever is doing bookings does the bookings ones, whoever is doing users does the add employee ones etc.)

Spencer

you need one for ppretty much every featuree

Anesu



Spencer

```
int memoryLeak(){  
    unsigned char unneededMemory[1024];  
    return (memoryLeak());  
}
```

Anesu

 Ahh hmm with Jarod's suggestion. I can probably still do all of them considering that my console class probably isn't much to do. But then again, it most likely is better for the person doing the class

Jarod

 The console class will be accepting information and then printing it out in a better format (Quite a bit of tokenizing)

Anesu

Ok, cool. We can settle on the "you do your own user story" then 😊

 Whoever is doing the register and login, already done 😊

Anesu

 What was Spencer's function above about?

Jarod

 I dunno lol

Spencer

 forces memory leak

MAR 9TH, 11:59PM

Jarod

Okay everything should be updated

 I did an example login in the controller class because it might not be that straightforward

Spencer

 im installing git on my desktop then ill take a look at it all and make suggestions tommorow in the meeting

Spencer

we need to make sure everyone has contributed, and also that we have all committed a hello world in the main

 just for next week

Anesu

 Yeah, I will do the skeleton menu on Saturday and work on the console I guess as well. Plus I will also commit the user stories there as a backup tomorrow morning just cos I aint booted on my main system with the git client installed

Spencer

yup all good

 i will code my user management stuff tommorow

MAR 10TH, 11:00AM

Anesu

 Sorry guys will be 10 mins late. Forgot something and went back home to get it. On my way back right now. Same place I assume?

Spencer

It's a conference call

 I'm at home Anesu

Anesu



Haha wait, so we aren't meeting at RMIT?

Spencer

Nah, too hard for me to come to the city, no trains running



especially since scrum meetings are supposed to be 15 minute meetings 😊



Anesu
Ok getting back home then, had just left like 2 mins walk so I rather go back home lol



Anesu
So, how is this video conference happening?

Spencer

We won't do a video conference, just voice



we can do it in facebook

Spencer started a group call.

Spencer joined the group call.

Anesu joined the group call.

Jarod joined the group call.

Anesu

sorry add me again lol

Anesu joined the group call.

Group call ended

Jarod

Tasks

Add basic SQL database

Integrate a logging framework

Add JUnit tests to Controller class

Add JUnit tests to Menu class

Add JUnit tests to User classes

Add JUnit tests to Booking class

Add JUnit tests to Timetable classes

Complete user story for viewing available times

Complete user story for making a booking

Complete user story for adding an employee

Complete user story for adding working time/dates

Complete user story for looking at booking summaries

Complete user story for showing worker availability



Cool as, will get to it tonight/tomorrow 😊

Jarod

neato

Because all the classes are messed around with, you've got booking and timetable right now



if that's fine with you

That's fine 😊

Jarod



Spencer

lemme know when you start coding anesu

so that i can help you understand how the console is connected to the controller, if you're not sure



and Jarod, where's the view class??

Jarod

the view class is menu, you can change the name to something more appropriate

Spencer

are we gonna make Menu full of statics or make it an actual object

nvm



just realised what you did

Anesu

And ok will do

Jarod

Also when starting tasks remember to update the trello

Spencer

Yup

Spencer

pushed some stuff, will come back to work on it later

MAR 10TH, 9:27PM

Anesu

Ok, so I just arrived. So do I sync, then pull before I do anything?

Jarod

Yeah

Anesu



Anesu

ok, I am just going to go, import -> existing project ->

Anesu

Nevermind I forgot to say I got it

MAR 11TH, 10:40AM

Anesu

Ok lads can't work on it this morning cos my laptop is being fixed (attempting to anyway). That is one of the reasons I travelled here actually. So don't expect anything this morning. Had a good look at the skeleton last night though.

MAR 11TH, 9:39PM

Anesu

Looks like I won't be able to get my laptop today 😞. I am just stuck here reading the computer theory pdf on my phone 😅

 Spencer

It's all good, just make sure you tell us by tomorrow night if you don't think you can get much done. The console is the most important bit for the Tuesday tute

 Anesu

Yeah, will do

MAR 12TH, 3:27PM

 Anesu

Just got my laptop back, should be rolling in 30 mins!

 Jarod

Neat!

 Anesu

Ok so am I responsible for the "Menu" class? If so, if I am going to do the console code in that class, would we end up creating another one to do the GUI then?

 Anesu

As in later on when we do the GUI?

 Jarod

Yeah

 Anesu

MAR 12TH, 5:40PM

 Anesu

how do I call/execute the login method from the menu class since it's private? (same with the register one)

 Anesu

oh wait, I need to return it from the displayOptions method

 Jarod

Yeah so basically

the controller class will call the menu methods

 Jarod

menu methods will return the data that's input (like username, password, etc.)

 Anesu

Yep got it!

 Jarod

and then the controller will choose what view to display next (Success view, register view, options view)

 Anesu

Is that actually working? Like I am assuming returning "1" from displayOptions() was supposed to call "login" from the controller

 Jarod

Yeah it's supposed to but it hasn't been implemented yet in controller

 Jarod

if you create tests then you can test whether your method is working without requiring other classes to work

 Anesu



Anesu

Does this look like the correct way to do it before I go on?

```
public int displayOptions(boolean[] permissions) {
    int userSelection;

    while (true) {
        System.out.println("-----\n Appointment Booking System\n -----");
        System.out.println("Please enter the identification number of your choice from the options below: ");
        System.out.println("0 - Login");
        System.out.println("1 - Register");
        try {
            int selectedOption = Integer.parseInt(scanner.nextLine());
            userSelection = selectedOption;
        } catch (NumberFormatException e) {
            System.out.println("Sorry you have provided invalid option! Please try again:");
            continue;
        }

        if (userSelection > -1 && userSelection < 3)
            break;
        else
            System.out.println("Sorry you have provided invalid option! Please try again:");
    }

    return userSelection;
}
```



I have pushed it to github if you want to see it from your own personal computer LOL



I probably should comment what I am doing on these things. Will do that soon

Jarod

Yeah that looks good, however make sure that the permissions variable is used to make sure the right options are being displayed



Aside from that it looks great!

Anesu

Yeah will do

MAR 12TH, 9:09PM

Anesu

If anyone is going to work on the project today, don't touch the Menu class specifically the login part, I did add a temporary code that doesn't do error checking earlier, but I have made one with error checking and whatnot but will push it 30 mins or so cos I am having dinner now and I hadn't checked the code to be happy enough to push it before I left.

Anesu

And ps I know I am slowly updating it cos I was studying for a quiz which I just did a few minutes ago 😅

Spencer

What quiz?

Jarod

Guessing the algorithms one

Anesu

Nah I have a subject called embedded systems or something. Starts with embedded anyway

MAR 13TH, 2:19PM

Spencer

will you hve time to finish register() today anesu?



your code is good btw. I'll test it for u if u like

MAR 13TH, 4:03PM

Anesu

Sorry yes, I was in an 8.5 hr train back to Melbourne just got here 😊

Give me 1 hr to set my things back up and push to git



Probably less than 1hr, but giving a leeway

Spencer

Register() is really easy, just use the code for login

You just need to also have address, name and mobile no as well

Mobile no is a string, not number



Have it in the order username password name address mobileno

Anesu

Ohh I just realised you where talking about register not login. Yeah, should be easy to do. Came with a new monitor, that's why I was like 1hr lol.

Spencer

Register should take you about 5 minutes if you don't have an validity checking. We don't need any for tommorow

Anesu

I know, I was just taking into account my time to unpack since I answered that message at my doorstep cos it got in because of the wifi lol



Should be up soon, give me a couple of minutes or so

Anesu

Well crap, I went to commit efore I synced. Apparently there is some overlaping changes? Did anyone work in the Menu class?



Ohh Isee. We have a problem lol

Spencer

I added a line or two but I commented on both of them



Just merge

Anesu

Too late, did it the dodgy way I used to do it. Seems to have worked I think. There is no register though, wanted to push changes from last night before I quickly add the register one. I know I should have done it last night. Give me a minute or 2 to quickly add the register one

Spencer

You're using the master branch right?

Anesu

Fairly sure, unless I am missing something

Is there another branch?

With the classes etc

Should be there accoding to github:

Commits on Mar 13, 2017



Quick fixes. Trying to resolve a failed push/commit

anesuc committed 6 minutes ago



Login with error checking, as in avoid characters that could manipula...

anesuc committed 12 minutes ago



spelling/grammar fixes

Splerge committed 2 hours ago



Spencer



So are my changes overwritten?

Anesu

They shouldn't be.

I hope not, let me check

Nope they aren't

I just checked your "Booking" spelling correction



Is it fine on your side now?

Anesu

Waiting for a response before I commit the register and cos havoc on the entire branch LOL

cause*

also fixing the char to string thing

Actually, kinda stuck, anyone know how to get the entire string from the scanner after
scanner.next().charAt(0);?

I just realised my error checking thing wont work so well cos it only checks the first character. I
will just do a simple one for now

Ok did a quick fix, still waiting for a response about the branch. Is it still fine?



Ready to commit the register function

Spencer



just commit it

Anesu



So the branch is fine?

Spencer



yeah

Anesu

Thank God! Ok, 2 secs

I need to relearn how to use JUnit.

And it's there by the way now. What else do we need tomorrow (excluding Junit tests)?

I'm sorry about this weekend, won't happen again!

User stories Employee register and login:

https://docs.google.com/document/d/1_wbm0WujBg6PDrpakdKbm_VOpr8kTuKnG_oN0XObkY/edit?usp=sharing

Story # :		Register an Employee	Priority	
			Effort	
As a		Owner		
I want		Register as an employee into the system		
So that they can		Login into the system as an employee		
Acceptance criteria	Criterion 1: Given that the owner enters their first and last name, a valid, unique username and a password for the employee When the owner selects the option to add a new employee in the menu Then the employee details are recorded			
	Criterion 2: Given that the owner enters their first and last name, an invalid username (already taken by another user) and a password for the employee When the owner selects the option to add a new employee in the menu Then ensure the "username taken" message is displayed Return back to the employee register screen			

Employee login and Owner access User Stories.docx

Story # : Register an Employee Priority Effort As a Owner I want Register as an employee into the system So that they can Login into the system as an...

[docs.google.com](https://docs.google.com/document/d/1_wbm0WujBg6PDrpakdKbm_VOpr8kTuKnG_oN0XObkY/edit?usp=sharing)

User stories customer login and register:

<https://docs.google.com/document/d/12FkVelhmP6wyFpeWo3LNd39Zq0DUn6koORGcqnEpEJY/edit?usp=sharing>

Story # :		Register a customer	Priority	
			Effort	
As a		Customer		
I want		Register as a customer		
So that I can		Login into the system as a customer		
Acceptance criteria	Criterion 1: Given that the customer enters their first and last name, contact number, address, a valid and unique username and a password When the customer selects the register option in the menu Then the customer details are recorded			
	Criterion 2: Given that the customer enters their first and last name, contact number, address, a password and a username already registered to another customer in the system. When the customer selects the register option in the menu Then ensure the "username taken" message is displayed Return back to the customer register screen			

Customer login and Register User Stories.docx

Story # : Register a customer Priority Effort As a Customer I want Register as a customer So that I can Login into the system as a customer Acceptance criteria...

[docs.google.com](https://docs.google.com/document/d/12FkVelhmP6wyFpeWo3LNd39Zq0DUn6koORGcqnEpEJY/edit?usp=sharing)

Spencer

 It needs to be on the trello. You need to update the trello with what you have finished and done

Anesu

Yeah, I am doing that right now

Kinda trying to figure out how you add descriptions again LOL

 Ok, literally, I want to add the card under the documentation, but I can't figure out how to attach the description like the other one

Anesu

 Nevermind I just ended up copying the other card. Would like to know how to do it from scratch though

Anesu

 Should I also put them into the git under like "documentation" or just leave it in Google docs for now (We are gonna merge them into a single doc eventually I assume?)

Spencer

 google docs, leave a link in trello

Anesu

 Ok cool, done

Spencer

 Got the SQLite db working

Anesu

 Ohhh NICE.

Spencer

 It's merged, you can sync it now

 Just a few more lines and we'll be ready for tomorrow program wise

Anesu

 We also need JUnits tomorrow right?

Spencer

 You should have one for your class

 btw I don't think your register works

 it tells me that i can't do Spencer or Test cos it needs to be A-z and 1-9 only

 did it work for you?

Anesu

 Ok, let me quickly have a look. Nah, I quickly applied the login code into it, 2 secs

 by "Nah" I meant I didn't check after the "fix"

Spencer

 if you use junit you can test that it works without the rest of the program

 but if you sync you can run the program now

 it runs mostly

Anesu

 I went to run it and it says "there is errors in...." etc. Let me have a look to see where its coming from

 How on earth do you quickly find the error in java without running it?

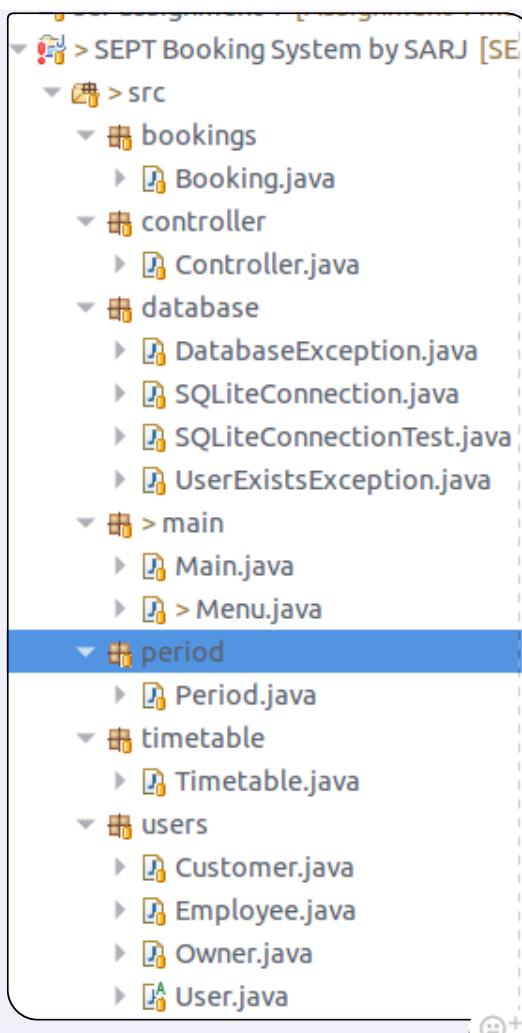
 in eclipse*

Spencer

 look for the error icon next to files in the file manager

Anesu

 Nope it ain't there 😞 Like:



Spencer

what's the error in console

Anesu

I just ignored the "there is errors thing" and its running now, let me see what happens

I see the problem

Description: Errors (2 items)

- Project 'SEPT Booking System by SARJ' is missing required library: 'C:/Users/Spencer/Downloads/sqlite-jdbc-3.16.1.jar'
- The project cannot be built until build path errors are resolved

SEPT Bookin
SEPT Bookin

Spencer

yeah it says the same for me

oh what is it

Anesu

C:/Users/Spencer...

Spencer

ohhhh sorry

I know what the problem is

It's pointing to the wrong driver

Anesu



 Spencer

lemme fix it

fixed

all good in the hood anesu?

Anesu

ahhh, not sure if I am getting the changes or not. I synced and pulled still have the same error.

Let me have a look

I have an idea why. Might have some conflicts in the menu again. I see what you added, let me fix that

And fixed

Nah, still not working

 I don't think you pushed it cos your last change was 35 mins ago

Spencer

Oops sorry

 Gimme 10 I'm away from my computer

Spencer

it says it's committed <https://github.com/Jarodwr/SE-Process-and-Tools/commit/4b6990cc26995c130520447d46b6c4bf0af7ceb7>

 maybe reclone it

Anesu

That wans't there before, I literally went and checked manually LOL. Anyway, let me retry now

 Any users already "registered" I can use to login? Or I gotta register

Spencer

nah, but you can edit my JUnit test case to create a user

 just remove the line that deletes the user

Anesu

well, I didn't see your "remove the line that deletes the user" message before I ran it and I now have a modified Users.sqlite.

nvm, I am just gonna re-download it manually and replace it in my workspace

 Will test it later gotta go for dinner

MAR 13TH, 9:31PM

Anesu

SO I am trying to JUnit test my classes. How do you do it with my kind of setup? Like how would I do it since mine relies on user input?

Spencer

it should just work, you just create a class in te same package as menu called MenuTest

right click on the project, press new and junit test case

 then chang the default function to whatever you want

Anesu

 Yeah, I have done that. But like I am used to test passing variables to the methods and then getting the result from that. How do you do it with user input instead?

Anesu

 Don't know if I am explaining it well, unless if I need to explain it tomorrow if we are still having the scrum meeting before the tute.

Spencer

 a scanner should just work as normal

Anesu

 ohh, so it would let the user input the info as usual. Ok, for some reason I thought it needed to be fully automatic (i.e no user interaction)

Spencer

 junit is just a self contained main with some external stuff

Anesu



Anesu

Wow, didn't do that huge thumbs up on purpose LOL

 on the topic of scrum meeting, we are still having one tomorrow?

Jarod

 I think we should have a meeting tomorrow before class just so that if there is anything that isn't clear to someone then they can talk about it

Anesu

 I agree, I probably will have questions myself

Jarod

 Sounds good, same time/place?

Anesu

 Yeah, 2:30 was it?

Spencer

 does our program work?

Jarod

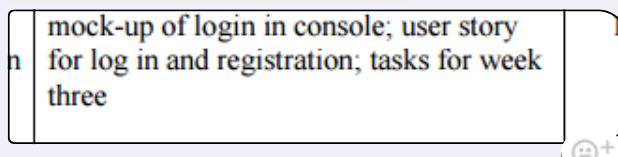
 Yup

Spencer

 as in, run to the standard of tomorrow?

Anesu

Well, we are supposed to have this:

 mock-up of login in console; user story
for log in and registration; tasks for week
three



So i guess?

You guys should probably check the user stories LOL

Considering that seems to be one of the major things checked

Jarod

for login is it necessarily just customers? wouldn't it be all users?

Anesu

I had it split because it says "As a ..." and then "So that I can...". I was not sure if that would mean we would split them or not. If now, I guess you can just edit it to as a "User" I guess

if not*

Jarod

We'll leave it for now and then ask homy

Anesu



MAR 13TH, 11:20PM

Anesu

This might look dumb, I am learning LOL. Anyone explain whats wrong here?

```
@test  
public void testLogin() {  
    try {  
        String ts = Menu.login();  
    }  
    catch(Exception k) {  
        fail("Not yet implemented");  
    }  
}
```



Jarod

I'll whip one up and push it to give you an idea

You need to make a menu object. E.g. menu view = new menu() I think

Anesu

Ohh like in the controller in other words

I think so

Anesu

Ok, that seemed to have solved it

Spencer

yeah it has to be valid code

Anesu

Does this mean I might have to throw an exception in the login class instead to make this JUnit test work well?

Spencer



also
in the catch statement, type k.printStackTrace()

Anesu

I meant login method or whatever its called lol



Ohh ok

Spencer

that way if you get an exception it tells you why



and you want to return values from login and test if they're what you expected

Anesu

hmmm. So for login I just need to check there is atleast 1 char on either sides of the character ":"
? Kinda the only expectation I can come up with on top of my head right now

Spencer

nah you just need to check that it returns a value that you input.



that's what you're testing

Anesu

Ohhh, ok. Sounds easy enough

Anesu

I am about to go to sleep cos I am pretty tired from the 8.5hr journey I just had. But if you are trying to check if it's the same value you input, how do you get what the user input inside the JUnit test class? Like what I mean is: fine, I run it and get the returned values "username:pass". How would I then know what the user typed to compare?

Jarod

You need to replace the input stream of the keyboard with your own input stream. I wouldn't worry about it too much we can look into it tomorrow (it isn't super high priority)

Anesu

Yeah, would be good to do it in person



I saw a similar answer on stackoverflow earlier, but didn't think it was the way LOL

Spencer

well it doesn't matter since you know what you typed



testing is abstract, you're giving it meaning

MAR 14TH, 1:59PM

Hey Guys, what time are we meeting today?

Anesu

2:30 I assumed?

I'm free from then but just want to check with everyone 😊

Spencer

hey sorry guys i won't be there till class, but we should get good, just need to check these three things to get the mark

-our program lets us login and register properly on 2 different computers

-trello is up to date

-user stories for all that we have done in the format that they have specified and in google doc form, linked to the trello

Spencer

also, in class last week he had a grid thing for user stories

maybe that's the form they want



i'll be in the city at 4

Anesu

I took that grid thing from the Blackboard and used the template. Isn't that it?

Spencer

yeah that's good, sorry i just haven't looked

Anesu



Anesu

Yeah I reformatted it

Spencer

in class today we'll create our next sprint for the week ahead and next class, looks like the requirements for next week are more up to us



i assume they just want some progress

I'll be finishing my user stories by 3:30 and will upload it same with the junit test cases

Anesu

By the way, we shouldn't make too much progress at once cos this is a tiny project LOL

Spencer

you're right anesu but we also have to do test cases, user stories etc which lengthens it

Anesu

I will be 5-10 mins late. Just a heads up, waiting for something 😊.



And good point Spencer

Jarod

Wanna meet floor 6 building 10? Better tables.

Sounds good

Anesu



Anesu

I am here, where are you?

I am at the exit door



For the stairs

Jarod

Hey in near the elevators

Anesu

Hey Spencer, did you restore it to using your "C:/users...." jdbc cos I am getting the error again for some reason. Was fixed last night. Unless it's on my side once again

Spencer

check the .classpath file on the github. the driver should have a relative link, not a specific link

it's in the root of the project

Anesu



Spencer

```
<?xml version="1.0" encoding="UTF-8"?>
<classpath>
    <classpathentry kind="src" path="src"/>
    <classpathentry kind="con" path="org.eclipse.jdt.launching.JRE_CONTAINER"/>
    <classpathentry kind="com" path="org.eclipse.jdt.junit.JUNIT_CONTAINER/4"/>
    <classpathentry kind="lib" path="Libraries/sqlite-jdbc-3.16.1.jar"/>
    <classpathentry kind="output" path="bin"/>
</classpath>
```

looks fine on here, i think you should just force the files into your directory manually

it's just a libraries folder, a jar file inside that folder, and the classpath file

Anesu

Yep, mine is exactly that locally, so I have no clue what's going on. Let me see

Spencer

you have the libraries folder?

Anesu

Nah, the error is specific to that old one like:

Spencer

maybe right click in eclipse on the project -> refresh

then try

Anesu

I have 😊

 both from menu and that

Spencer

restart eclipse?

Anesu

and even restarted eclipse

 both from the menu and manually LOL

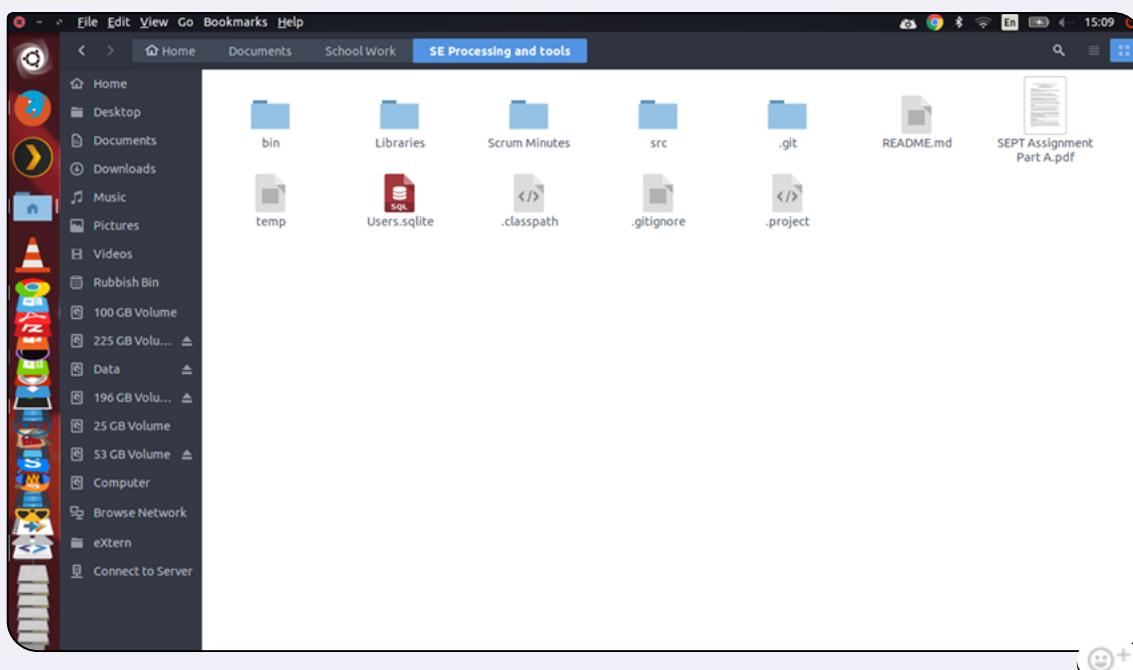
Spencer

 show me a screenshot of your root directory (on your pc)

Anesu

It's working, I just have to ignore the error. I managed to register and login just then

But let me send it anyway



Spencer

 Your eclipse is probably fucked

Anesu

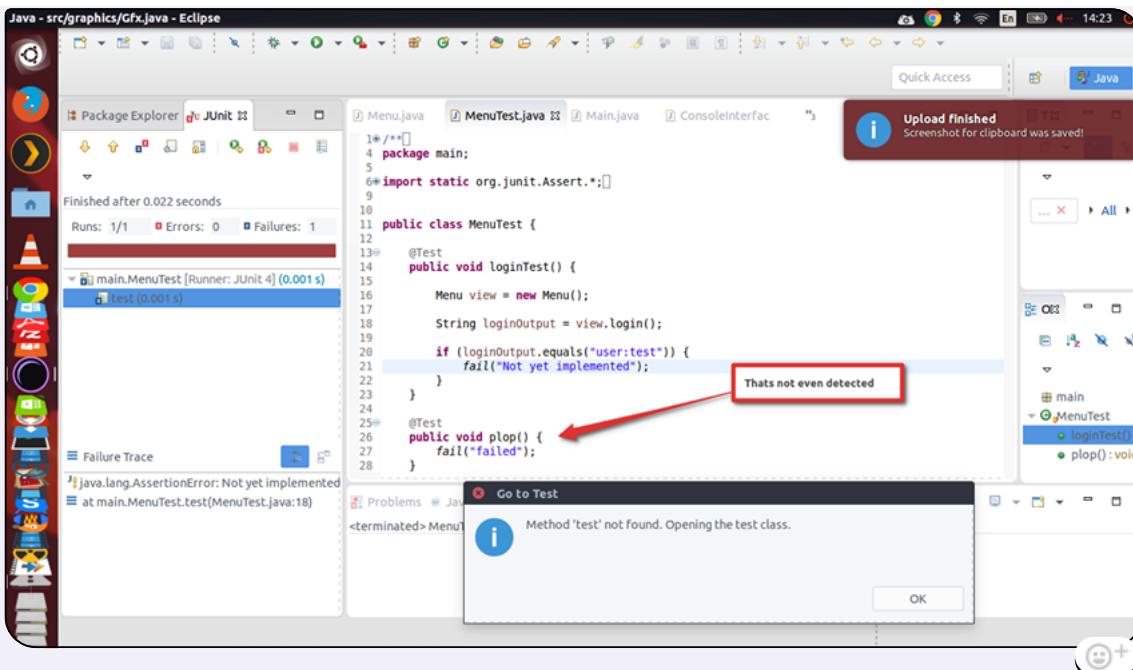
 Yeah, we even have a weird bug with my test so yeah, it probably is LOL. We are gonna test it on another computer to see if that's the case.

Spencer

 What's the bug

Anesu

It isn't running the test correctly. It's looking for something that doesn't exist. Like:



Spencer

I can probably fix that.

What floor is class on again?

Anesu

6

Spencer

Where'd you go Jarod?

Jarod

didn't get roasted

Jarod



I think we got the marks for it

Anesu



Jarod

for sure

Spencer

I think he was actually happy with ours for the most part, the biggest disappointment he seemed to have was the fact that we hadn't followed the assignment spec properly, and we didn't have a product backlog

MAR 14TH, 6:02PM

Spencer

Royal melbourne university of fire alarms

So I found out there was no more sushi left 😞

Jarod



Rip



Spencer



Dayum



Anesu

Well that sucks

Yup 😞

MAR 15TH, 9:49PM

Hey Guys I've added some tasks that I think we should focus on this week. Its all around completing the first 2 functional requirements. I'm not sure if its all that we need to cover for this week but if we need to add anything to the list we will. Also once y'all look over things ill assign people to things, it will be approx 3-4 tasks for the week, on top of this i will be working on the gui to see how feasable it is to build and maybe make a mock method to be implemented during next weeks sprint.

MAR 15TH, 11:32PM

Spencer

Good work Russell, thanks 😊

Anesu

I can't access it right now, but thanks for working on it! Will look at it first thing in the morning!

On another note, Spencer, since we didn't have Computing Theory tute, what happens to the Quizzes?



I am about to look for tute classes remaining this week though

Spencer

They're available in the classes still

Anesu

What do you mean? You mean other tute classes?



Also can't seem to find class time listings

Spencer

They were announced

Anesu

ahhh not in the announcement section from what I can see

nevermind I have no idea how I messed it

Those times.....



This is why I wish they just used blackboard. As much as I don't like it, I wouldn't have missed that notification

Spencer

I get emails every time they make an announcement

Anesu

Nah I think I missed it because its berried under people's questions in the forums cos I get those every 2 hours or something. I probably should disable that

MAR 16TH, 12:33PM



Jarod

Yeah I disabled that it was annoying af

MAR 16TH, 8:30PM



Anesu

Spencer did you end up going to a tute for CT? I am asking because you can stil do the quiz



Jarod

can you send me the quiz?



Anesu

I should probably message this kind of thing directly lol



Jarod



Anesu

The quiz was unavailable so we needed to email him saying you are one of the students that were there when we had no access to the quiz. He will email back when the quiz is ready. You better do it as soon as possible though. His email is:



angus.kenny@rmit.edu.au



Jarod

Neat thanks

Anesu

Like we had no access to it so he asked us to email him so that he can tell us when it's available

Link to the quiz:

https://docs.google.com/forms/d/e/1FAIpQLSfRu90r6uV4u_zeDqwese3pXCFQQhDBUVAzwO143nm8DxQ6-w/viewform (not available ofcause)



Google Forms - create and analyze surveys, for free.



Create a new survey on your own or with others at the same time. Choose from a variety of survey types and analyze resul...

<accounts.google.com>

Spencer

Let us know when it's ready



Anesu



Anesu

What was annoying was that we had to wait till 8:20 to do it LOL And this was a relatively easy tute so we all were there just waiting for it only to have that happen LOL

Spencer

Will be ready in the tutes I guess

I'll check if there's one on Friday



Then just do it at that time at home

MAR 16TH, 11:01PM

Anesu

Ok, just a heads up before anyone goes to change the menu class. I plan to finish it up tomorrow, as in the login and register part including the JUnit testing. I am going to use Spencer's suggestion to split the login character checking into its own method. So the current login method will call it once the user has entered the info and will give this new function the username and password as arguments to the function and then the function will return either a Boolean or the actual final string like "user:pass" (will decide on that then). So this will enable me to do the JUnit test a lot easier because I will literally give it the username and password, one that should succeed and one that should fail etc. Same with Register, it would be a simple copy and paste I guess.

Anesu

<https://tinyurl.com/hlhvtm6> - Quiz open for the next 24 hrs

MAR 17TH, 12:49AM

Spencer

Thanks so much Anesu



Anesu



Anesu

No problem

MAR 17TH, 11:01AM

Jarod

Are we having the meeting in 15 or later?

Anesu

Oh crap today? I just booked a lab, can we have it later? Like after 12:30 or something? Is it a group call or one to one?

Jarod

Should be group call, im down with it being later because im pretty tired

Anesu

Hahaha

Same here, I kinda forgot about it tbh

Let us know when everyone is ready and we'll start 😊

MAR 17TH, 12:51PM

Anesu

I am back hom now. We could make it 1:30 specifically, or 1pm I guess

Jarod

Whatever is best for you guys, I'm fine with whenever

Same

Anesu

1:30 so that I can have my lunch lol

Jarod



Jarod

1:30 it is



Anesu

We can safely assume Spencer is still sleeping 😊



Jarod



Anesu

Soo who is starting the group call LOL



I'll start it just let me get my laptop out

Jarod started a group call.

Jarod joined the group call.

You joined the group call.

Anesu joined the group call.

Anesu

lost you for some reason

Anesu joined the group call.

Group call ended

minutes updated for this meeting



Jarod



Anesu



Anesu

And cool to Russel's edit. Very nice! Although a heads up, I will be working on the menu class now (as stated yesterday) so to avoid conflicts, can you avoid editing it (for now), unless if you have a really needed change then let me know before pushing the changes (or making them so that I can update first so get the latest version)



MAR 17TH, 7:52PM

Spencer

Sorry for missing the meeting fellas, had work 10pm-6am last night so woke up at 4😴 anything important i miss? I've checked the trello, looks al ot more professional. My observations are - the



product backlog is too complex, it should be filled with small tasks (so you can literally drag and drop tasks from the backlog straight into the sprint) and the tasks should be valued using poker

Spencer

I'll make a start on it. What are our requirements for this week? I'm going to make an acceptance test for last weeks requirements. So we can demo that.

Also, Russell you added me to a card called "Create separate branches" can you clarify what you mean by this?



it's pretty broad

Yea, so basically we each are working on a function that the owner can do, so that means everyone is working on the menu class and controller class at the same time, so each person is to make their own branch to complete this and then we'll merge the branches on Monday and fix issues that occur between then and Tuesday

Spencer

Also we need due dates on items

Spencer

Oh we shouldn't need separate branches if we're not working on the same functions, we can test operations using junit

MAR 18TH, 2:51PM

Anesu

I am like having this strange bug with eclipse. Like whenever I open it the whole computer comes to a draw, like unusably slow

I've had a similar issue before, what I did was just delete a bunch of Java processes restarted eclipse and it started working

Anesu

Mine is worse. Like move a mouse it moves a minute later LOL

Jarod

That used to happen to me I installed the latest jdk and eclipse and it fixed it

Anesu

I am gonna re-install and see what happens

Ohhhh ok. Probs my jdk is out of date

Spencer

classic jvm

Anesu

hahaha, I think I might have it fixed, but I am avoiding opening it right now because I have a YouTube tab open and the recommendations will change if I end up rebooting LOL. So kinda swapped it on my timetable and doing computing theory now then will do this around 5pm

Spencer

how you going with the assignment?

Anesu

I only had done q1 (didn't even finish it anyway cos I didn't know what "/" meant and I am restarting cos I read R2 wrong and used it with everything I had done LOL. In otherwords starting now 😅

I meant "\\"

Spencer

\ means left side without elements of right side



so {a,b, c} \ {a} === {b,c}

Anesu

Ohh ok, cool thanks!

Spencer

anything else stump you?

Anesu

Will let you know 😊

MAR 18TH, 9:14PM

Anesu

Do you guys have java 8 or 9?



Specifically those on the recent version of Eclipse

Anesu

nevermind it should be 8 looking at the config of eclipse



fixed my eclipse finally LOL

Anesu

With JUnit testing for the login. DO I do one that should fail as well? Or just one that succeeds

Jarod

One that fails and one that succeeds

Anesu



Anesu

How would the owner login have a different JUnit test than any other normal login? (Looking at my tasks for this sprint)

MAR 19TH, 2:26AM

Spencer

Junit has std doesn't it?



MAR 19TH, 11:23AM

Anesu

My question was that what is different from a normal user login compared to an owner login simply from the Menu perspective?

Jarod

I don't think anything should be different

MAR 19TH, 1:31PM

Anesu

Quick question, why isn't this an array of strings?

```
/*
 * Prints all bookings to screen
 * @param bookings booking1|booking2|booking3
 */
public void viewBookings(String bookings) {
```



Jarod

Good point, I'll go through it again and reformat all the parameters properly

I knew I was doing something wrong lol

Spencer

welp

Anesu

hahahaha, ok

Anesu

Opens facebook and this shows up:

**Isthi Irfan** ► The RMIT CSIT Society

36 mins ·

Anyone willing to/currently tutoring computing theory? Really need one as nothing seems to help.

P.M please asap

admin please delete if inappropriate 😊



Like



Comment



Write a comment...



Desperation is real in this one

Spencer

computing theory seems harder than it looks

Yea, tbh questions 1 and 2 are pretty easy apart from 1bvi

Jarod

the binary question?

Yea

Where you can have anything but 011011

Jarod

Thought I worked it out but I went through the regex and it didn't work

I can't figure it out at all

Spencer

well jarod and I were fairly sure you need to use a deterministic fsa with state removal to solve it, but our answers were only like 90% correct

 Anesu

I only got up to part C of Exercise 1 yesterday (last part), so I don't know about the rest of exercise 2 cos I only did part (a)(i) of it. Looks doable though.

 Spencer

jarod and i have done all of it, that binary question is the hardest thing on there i think

 Anesu

Wow, nice finishing it that early!

 Spencer

yeah we're not 100% sure of all our answers though but getting it all done is important to check your answers

I've been checking my answers with regex101 😊

 Spencer

Okay guys, making all the tables now

For booking

what are we doing

I was thinking, primary key is an integer id, username of user in booking, and then a string containing tokenized booking data?

```
String sql = "CREATE TABLE IF NOT EXISTS BookingsTable ( bookingId integer, username Varchar(255), bookingData Varchar(255)";
```

 this is mostly aimed at russell since he's doing bookings Jarod

yeah sounds good

 Spencer

okay I'll gonna start off with that

 Spencer

Alright I pushed my SQL database tables changes. I suggest everyone take a look and give me feedback.

Since how i've done it might miss important information. I've tried to do it like how Part B of the assignment will require us (with multiple business support) so we don't have to recode after assignment Part A

 Anesu

I am currently away from my computer, but sounds good.

 Spencer

Also

just realised we need a barebones Business object

for part B

may aswell include that next sprint

 Spencer
since it'll take 5 minutes to make

Hey Guys, I was thinking of something to make the junit tests alot easier. What if we change the controller methods to have a string parameter and call the view in the switch when their

choosing the options? This was for junit tests we can perform them on the controller class with ease as there are no input needed for the computation of the method

Way*

Jarod

So what you're saying is to call the controller class from the view class?

No, I ment like when the controller gets the option number and goes through the switch statement and then it calls the required method. That's when it calls the view aswell

Jarod

Okay so:

- Controller gets option
- Controller calls view
- Controller gets view output
- Controller calls related function

whereas right now it goes into the related function and then calls the view output

Yea

So like when your calling a method in the controller constructor it'd be something like:
login(login.login)

Jarod

Yeah whatever floats your boat, feel free to modify whatever you want as long as it doesn't effect other classes too drastically (If it does then just notify whoever is working on the class)

Sweet I'll be doing that later tonight 😊

By later tonight I mean like around 10-10:30 as I have some stuff on currently

MAR 19TH, 7:01PM

Spencer

That sounds recursive

I don't understand

How is it improving the program? Legitimate question

Anesu

This happened like 1m from where I was walking. Literally saw the whole thing happen 20 mins ago or somethinh



Anesu

I just caught up this whole discussion, I am with Spencer. Kinda half confused on what we are solving LOL

With those changes

MAR 19TH, 9:57PM

Anesu

I am avoiding adding the menu options cos of the changes that are supposed to be made soon in the Menu class

Jarod

That's fine, however I'm going to add some more tasks (I should have done this earlier I apologize) to the trello for the controller functions, we need a couple done before the tute

I'll change the menu format stuff within half an hour so you won't have to worry about that



There are some tasks on the trello that have already been completed in the last sprint so I'm going to get rid of them (like the login/register and user story for mine. Unless that's something else that I'm not understanding)

Sorry guys I'm about to head home now and was going to change it

Jarod

I've archived my ones, is there anything that really needs to be done? I'm gonna do my week's tasks tonight and all the ones I was assigned to are already done. (I'll work on reformatting the menu function parameters right now)

Spencer

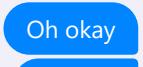
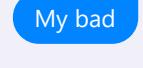
Can you explain what you're changing? Worried that a big change 1 day before class could make getting a mark harder

What's wrong with the current design?Jarod

Right now you have to tokenize everything when passing it to the menu

Changing it from blah|blah1|blah2to an array of strings

That's not what I ment

Jarodthis is for something elseSpencerOh so instead of String we'll be using String[]?Oh whatOh okayMy badJarodWhat anesu was talking about earlieryeah no worries 2 things we were talking about with the menuSpencerSo what is being changed related to the view?Return values I guess?Jarod



The view is taking mostly String[]/String[][] instead of String

Spencer

Is that it? That's a good change



Definitely support doing that

Sounds good

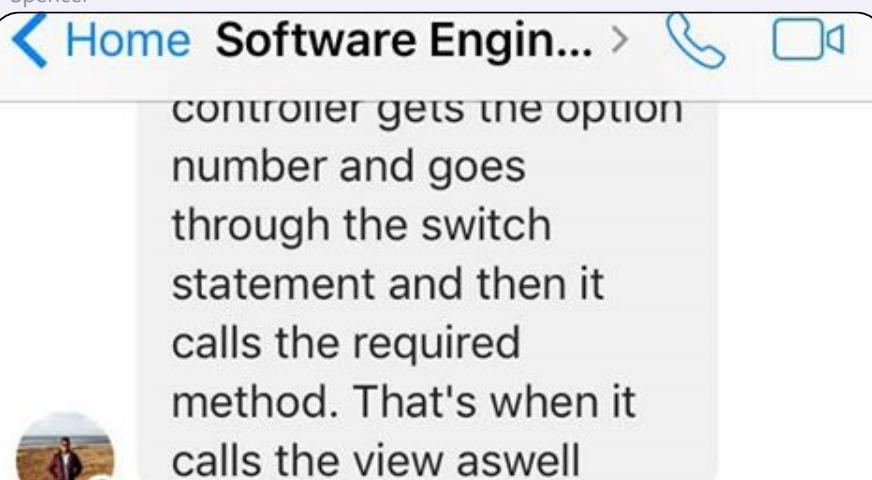
Are you currently doing that?



Jarod

yeah

Spencer


controller gets the option number and goes through the switch statement and then it calls the required method. That's when it calls the view aswell



Jarod

Okay so:
Controller gets option
Controller calls view
Controller gets view output
Controller calls related function



whereas right now it goes into the related function directly from the controller



Sounds good

Type a message...



Jarod

I'll push it in a sec I'm almost done



 Spencer

What are you guys talking about here?

We were talking about when you call a method in the controller class

 Jarod

Right now the controller gets the option and then calls the related method which calls the view

The method sends a call to the menu class to get the input

Where as you can make it a parameter of the method so you can easily use dummy data for testing purposes

 Spencer

So the controller method is being changed?

 Jarod

It would go from
Controller->Method->View
to
Controller->View
Controller->Method
?

Sort of, more like instead of
Login(){
view.login
Rest of code
}

It will be

login(view.login){
Rest of code
}

 Spencer

Ahhhh okay I understand now

 Great idea

Yea so junit testing will be easier

 Jarod

Since employees are no longer a user

 when creating new employees should the output be employee name and employee timetable Spencer

It won't change anything for junit though
Cos you can always do

```
Testlogin() {  
    Controller c = new Controller;  
    Menu view = new Menu;  
    c.view = view;  
    c.login()
```

 And it will act as if the main program is doing it

Yea I know, I didn't really know what to do so I made a temporary code that will be changed soon

Spencer

I wasn't sure what primary key to have for employees



Integer id?

Spencer started a group video chat.

Spencer joined the group video chat.

Yes but you will need a string in the in the call to the controller function

Group video chat ended

Jarod joined the group video chat.

Spencer

Ignore the call, I was driving 😅

You started a group video chat.

You joined the group video chat.

Group video chat ended

Ohh haha

Spencer

Russell, I don't think adding it as a parameter adds any possibilities
Since you can change view with controller.view =

Which I assume is how we can build graphics while still using console

Anyways integer id for employees primary key? Owners and customers have a username as their Pk



But employees don't log in

Jarod

Couldn't you just make the username the primary key

Spencer

No

Jarod

as long as we make sure the username is unique

Spencer

They don't have usernames



They can't log in

Jarod

oh employees



Yeah integer ID

Spencer

Okay

Whoever is doing the employee class needs to make sure they get a unique id parameter

 Jarod

@Russel we won't need the `toString` functions on the users, bookings and timetables anymore since we're handling inputs with `String[]` so we'll need functions in each of them which return `String[]`

I'll do the users ones, you fine with doing the bookings/timetables? Easier than tokenizing them but if you're doing something I can do it

actually don't worry about the timetables

they still need to be tokenized

 Actually don't worry about it at all I made a mistake

Okay

And Spencer the reason I'm saying to make my change is purely for testing purposes

So Jarod do you need me to make any changes?

 Jarod

Not yet, don't worry about that stuff for tonight I think I messed something up so I need to fix it

Okay, are you alright if I make the controller changes tonight or should I wait for you to finish up before I do anything

 Anesu

Just let me know when you guys are done

 Jarod

 I'm fine with you doing it tonight as long as everyone is on the same page

Okay

 Jarod

 I'll be done in half an hour I just accidentally messed up and discarded all my changes

All good just let me know when 😊 my laptop needs to charge anyways

 Jarod

One thing, if it's a structural change to the control class would we be able to leave it until the next sprint?

 This sprint the main goal should be to get most of the functionality down so we have tangible progress (As soon as I'm done correcting the crappy formatting I've done in the menu I'm going straight onto one of the main owner options)

 Spencer

Yeah let's just worry about owner logins and stuff for now I think

We haven't really made any feature progress this sprint

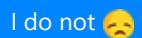
 Anyone available tomorrow between 12.30-4.30?

 Anesu

 I am only available from 2:30

 Spencer

 No worries, Russell you got uni tomorrow?



Spencer



All good dude

Anesu

I mean, how much of this week's sprint have we done? I think I checked off 2 of them yesterday, but let me have a look overall

Jarod

Not much but I should be able to blow through a lot tonight

Anesu

Just make sure you leave some for us to do 😅

Jarod

yeah don't worry I'll leave all the menu stuff to you

I'll only do 1 or 2 controller functions

and then I'm done for the week

Anesu



Jarod

I'm just messing with the parameters and returns for the menu and then it's all yours

Anesu

Yeah all good

Jarod

okay I uploaded changes to the menu

it broke some stuff in the controller but now you won't have to use tokenizers

So Russel you'll have to create functions that output timetables as a String[period][0 - start, 1 - end] and periods as String[0 - start, 1 - end]

I can do the user ones



Jarod

The formats should all be in the menu class if you need a reference

Jarod



Jarod

I'll work on a menu function tonight and try finish one



Jarod

Neato

 Jarod

just fixed what I broke in controller

should be pushed

Jarod

Okay so this is what they expect this week:

- at least one new User Story, probably "View available slots" or "View my bookings"
- Registration/Login finished and functional
- a significant new piece of implementation: it could be the classes for representing and storing Bookings, or a mock-up of one of the new User Stories (i.e., the front end view), or a slew of new unit tests if you are using Test Driven Development
- Tests (either Unit or Acceptance) for Registration/Login
- Updates to Trello and Github.

 Anesu

Did a user story yesterday, so that's done

 Well, it was too basic though, it was an owner Login one Jarod

I'll do one for viewAllBookings()

 Anesu Anesu

Hey guys, I had skipped these questions hoping to figure it out later, but it ain't in the book.
What is mod? Like the mod 2 = 0 part

 Spencer

It means odd

 Anesu

ahhh please elaborate? odd 2 = 0?

 Jarod

if you have $x \bmod 2 = \text{remainder of } x/2$

 $y \bmod 7 = \text{remainder of } y/7$  Anesu

ohh wait, forget about the =0 part lol

 ohh ok Jarod

so when $x \bmod 2 = 0$ it means only when $x/2$ gives no remainder

 Anesu Spencer

$(n + 1) \bmod 2 = 0$ which means the number after n has to be even

 So n is odd Anesu

MAR 20TH, 1:51PM

Anesu

Ok, I will be finished at 2:30 at Uni, and I will probably use the next hour to eat and rest a bit. So I should quickly do everything I need to do for this sprint from 4:30 to 5:30 (maybe 6 if I need to). Just writing it here so that I actually force myself to do it at that time 😊

Anesu

Then I will go back to my comp theory I am extremely behind on LOL. I have like 4 things due on Sunday, but this is the most scary one for me anyway (comp theory assignment)

MAR 20TH, 3:05PM

Jarod

Anesu would you be able to do all the menu functions for the owner?

Anesu

Yes, can do that

Jarod

Neato, I'll add it to the trello if it isn't already added

Jarod

Hey Russel how far are you in making the functions for Period/Booking/Timetable that returns with String[]/String[][]/String[][][]?

I'm still thinking about how to do it but I'm not really understanding how to do it tbh

Jarod

Okay so period needs to return a String[] where index 0 = startTime and index 1 = endTime

Spencer

I did my two biggest but haven't marked off yet

Jarod

Also remove the tasks that are already finished from the last sprint

I'll write out the format for the return functions and send it here

Okay, thanks Jarod 😊

Jarod

<https://puu.sh/uR0zz/4a79f77b3c.png>

If it looks counter intuitive or something just say it since I'm not that confident about how it's set out

Ohhhh cool, the main part I was confused about was the 3d array for the timetable class

Spencer

My two things that I've done is
Create a business and owner database in SQLite
And allow for special cases during login, and which allows for owner login

I haven't tested it yet but I believe it should work

Jarod

oh that 3D array is for when an employee timetables are being returned
when employees are being specified

Spencer



I'm gonna add a function to the main class debugCreateOwner() which creates an owner and business for us to use

Jarod



I'll make a stub for the availability timetable and bookings

I've done the arrays for the period class and booking class, I'm not sure how to go about doing the timetable as it's an array list, I just need time to figure it out I think

Jarod

Yup, take your time

Neat! Take your time on the timetable, I only needed booking/period to get started on some of the functions

Okay I think I did it

Spencer



does anyone have a user story grid template?

I just copy and paste the ones we currently have and just change the relevant information

Anesu

<https://youtu.be/HyXZdThYSzc?list=PL4nE4gCTwCOx5xC0FOTEUqbjAnvcWXs25>



Whoops

https://docs.google.com/document/d/1-TmuPo4wbucjh5xbdE9BxFYJ6jT1WNpT1K8hyb8-v_k/edit?usp=sharing

EXAMPLE		Story #1:	
		Account Holder withdraws cash	
		Priority	
		Effort	
As a		Account holder	
I want		To withdraw cash from an ATM	
So that		I don't have to wait in line at the bank	
Acceptance criteria		Criterion 1: Given that the account is creditworthy And the card is valid And the dispenser contains cash. When the customer requests the cash Then ensure the account is debited	

NOTE: This one is an example.	

Story #:		Manage Patient Record	Priority
			Effort
As a		Hospital staff member	
I want		Edit a patient record	
So that I can		so that patient record is up to date	

Given ensure cash is dispensed
And ensure the card is returned.

Criterion 2:
Given that the account is overdrawn
And the card is valid,
When the customer requests the cash
Then ensure the rejection message is displayed
And ensure cash is not dispensed.

UserStories template(1).docx

EXAMPLE Story #1: Account Holder withdraws cash Priority Effort As a Account holder I want To withdraw cash from an ATM So that I don't have to wait in line..
docs.google.com



You can make a copy of it from File menu'

Jarod



Oh yeah Russel I just looked it up I think there is a direct converter from array list to array. I think it's `ArrayList.toArray<T>()`

Oh haha, I didn't even think of that

Spencer



Okay guys Owners can log in now. I have a debug owner set up already, Ownertest is the username and password is 1234

Anesu



Ok, just loaded the project and apparently there is an error m the owner class?

Spencer



what is it

Anesu

```
39     return this.username + ":" +
40   }
41
42  private boolean isOwner() {
43    return true;
44  }
45
46
```



Apparently I need to change the visibility of this to public lol

Spencer

yeah im just fixing that



my github fucked up again

Anesu



lel

Spencer

interesting, my pc running a different ide can't use the same classpath filke



that sucks for me though

Jarod



We meeting tomorrow at 2:30?

Anesu

Gentlemen this is what happens when you have been using javascript too much:

```

for (var i=0;i < bookings.length; i++)
    System.out.println("hi");
}

```



And yes to Jarod



for me

Spencer



yeah I'll try to make it to the city

Anesu

```

1     * Prints all bookings to screen
2     * @param [booking][0 - customerUsername, 1 - startPeriod, 2 - endPeriod]
3     */
4 public void viewBookings(String[][] bookings) {
5     System.out.println("-----\nBookings\n-----");

```



Can someone elaborate the expected input of the bookings array? Like can you give me an example or explain what I should expect?



Are you saying its like [customerUsername][startPeriod][endPeriod]?

Spencer

[spencer][5pm[7pm]]



mucked up the brackets but that's what it is

Anesu



Anesu

You have no idea how long I was experiencing a problem doing a 2D array. And it was a pathetic mistake this whole time LOL

Anesu

Ok, I was just thinking maybe I should change the viewBookings to be in a table format, but does it matter in console? Like is this good enough? Or should I make it into a table:

```

/*
public void viewBookings(String[][] bookings) {
    System.out.println("-----\nBookings\n-----");
    /*Console Output format would be like this Sample format: Anesu: 5pm-7pm*/
    for (int i=0;i < bookings.length; i++) {
        for (int j = 0; j < bookings[i].length; j++) {
            System.out.print(bookings[i][j]);
            if (j == 0)
                System.out.print(": "); //Colon after customer Name
            else
                if (j < bookings[i].length-1)
                    System.out.print("-"); //1.e 5pm-7pm
        }
        System.out.println();
    }
}

```



Jarod

A table would be cleaner but right now we just need it to work

I don't mind the format really, but if you can do a table and it isn't too much more effort that would be great

Anesu



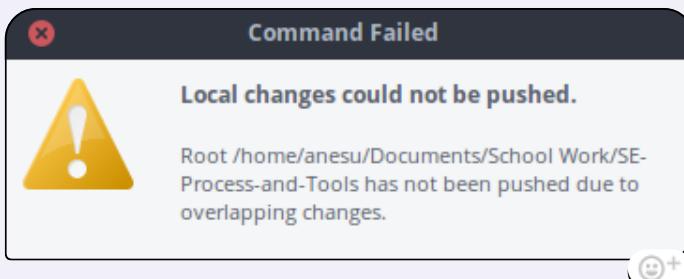
Ok, I will push this first before I break it in a second LOL



Jarod



Anesu



Ahh, did anyone edit the Menu class?

Ok, Should I try to merge?

I think I have an idea



Problem solved

Anesu

PS I was about to ask why it's only exact times of starting period and ending periods since there are no dates. But I assume you will have it all in one string like "11/2/17 11:00 AM"?

Spencer

Use unix time stamps

Aka "1111838483" stuff like that



Google what it is if you're unsure

Anesu

Nah, I know about it. But since I will be receiving it in string format on my end (from the current setup), wanted to know the final conversion would look like. Not that I need to, but yeah, I was just completely out of loop with the dates format LOL

Spencer

Definitely use unix. Java almost certainly has an external lib



Then you can use whatever display method you want, that one you said above is fine

Anesu

Nah, the thing is, that's currently not what I receive since I get it in the array of strings. UNLESS you mean, whoever is responsible for giving me the times converts it into a string and then I convert it into a readable date from the string. I just assumed whoever is doing the back-end would have it formatted correctly already. So I guess we should clarify, will I get a formatted date in the array of strings or a non formatted date in that array?

Anesu

LOL, that's a bit too long than I thought I typed

Jarod

That's an error on my part, if you want to change what is input you can edit it in the relevant class, just ask Russell if it is alright to change it

Anesu

Nah, I won't need to edit it if they just put the unix code as a string. Because it gets kinda complicated if I start changing array elements types I would assume. If Russell wants to give it to me in Unix format, just wrap it as a string and I will reverse it when I get it. Otherwise he can just



convert it, whatever option fits him. It's kinda up to him tbh depending on how it will affect his back-end.



Anesu

they - meanig Russell LOL

Hey, sorry I was at work, umm do which is easier for you and I'll adjust my code accordingly 😊

Also for tomorrow's meeting I'll be able to be there at 2:30 but will have to leave at 3:30 as I have a test in my practical

Jarod

Oh fuck I forgot about that



Time to cram



Anesu

LOL

Rip

Anesu

Bookings

Customer Name	Start Period	End Period
Anesu	10:30 PM	11:00 PM
Spencer.	5:00 AM	6:00 AM



I assume this is what we all wanted? DO you think I should put dividers in all the columns and rows? Cos I didn't just cos I thought it looked cleaner

dividers*



ignore the time formats, its just a test

Jarod



Yeah it looks good

Anesu

What kind of details are stored in timetable? As in what format etc?

```
/**
 * prints employee timetables
 * @param employeeTimetables employee1Username:timetable*employee2Username:
 * @param [employee][0 - details, 1 - timetable][])
 */
public void showEmployeeAvailability(String[][][] employeeTimetables) {
}
```



```
/**
 * prints employee timetables
 * @param employeeTimetables employee1Username:timetable*employee2Username:tim
 * @param [employee][0 - details, 1 - timetable][])
 */
public void showEmployeeAvailability(String[][][] employeeTimetables) {
}
```





Timetable involves an array of periods

Each with start and end times

Anesu

Ok, cool

MAR 20TH, 11:08PM

Jarod

 Hey Russel, I'm gonna change the format of the `toArrayString()` in Bookings, I gave you the wrong format by accident so I'll go fix it

Okay 😊

Jarod



Jarod

getting some weird console output on my computer: <https://puu.sh/uRsYG/28c291b7bc.png>

Won't let me log in when I register

```
Enter your Username: jarodwright
Enter your Password: newpass
Enter your Name: jarod
Enter your Address: asd
Enter your Phone Number: asd
java.sql.SQLException: ResultSet closed
-----
Appointment Booking System
-----
Please enter the identification number of your choice from the options below:
    at org.sqlite.core.CoreResultSet.checkOpen(CoreResultSet.java:69)
    at org.sqlite.jdbc3.JDBC3ResultSet.findColumn(JDBC3ResultSet.java:38)
    at org.sqlite.jdbc3.JDBC3ResultSet.getString(JDBC3ResultSet.java:443)
    at controller.Controller.searchUser(Controller.java:175)
    at controller.Controller.register(Controller.java:96)
    at controller.Controller.<init>(Controller.java:49)
    at main.Main.main(Main.java:11)
1. Log In
2. Register
10. Exit
Enter your option: 1
Enter your username: jarodwright
Enter your password: newpass
java.sql.SQLException: ResultSet closed
    at org.sqlite.core.CoreResultSet.checkOpen(CoreResultSet.java:69)
    at org.sqlite.jdbc3.JDBC3ResultSet.findColumn(JDBC3ResultSet.java:38)
    at org.sqlite.jdbc3.JDBC3ResultSet.getString(JDBC3ResultSet.java:443)
    at controller.Controller.searchUser(Controller.java:175)
    at controller.Controller.login(Controller.java:78)
    at controller.Controller.<init>(Controller.java:43)
    at main.Main.main(Main.java:11)
Exception in thread "main" java.lang.NullPointerException
    at controller.Controller.login(Controller.java:78)
    at controller.Controller.<init>(Controller.java:43)
    at main.Main.main(Main.java:11)
```

Anesu

 Looks like something is wrong with the Database/database code. I guess that's Spencer's area

Spencer

Delete the database file and try using program again

 Not sure what causes that

Jarod

yeah that fixed it



one more thing, I'm trying to work out why ownertest has default permissions



Spencer



I don't know why



Jarod



Might not be SQL might be elsewhere



Spencer



They're definitely a Owner object



Jarod



yeah



Spencer



Nah it's nothing to do with sql



I think it is to do with inheritance



Anesu



Those better be delayed messages, because that was some fast replying I have ever seen LOL



Jarod



it's inheritance



I think I fixed it



Jarod



I just pushed my changes

MAR 21ST, 10:07AM



Anesu



Flipping hell, literally slept in LOL. Really needed to wake up early today 😞



Spencer



I'm awake, I'll be able to meet up before class for once 😂😂



What test do you have Jarod and Russell?

Security in computer systems



Spencer



Oh yeah I did that last semester

MAR 21ST, 12:12PM



Anesu



Ok, if anyone is free, I am trying to figure out how I would work with the (would it be called a 3-dimensional array now?) array for showEmployeeAvailability(), but I can't get my head around it for whatever reason LOL. Help would be appreciated (if you are free)



Spencer



there's an empty bracket in the javadoc? @Jarod



Jarod



Empty bracket?

Anesu

What format of input are you expecting the owner to input the start and end period? Like I want to say, "Please type in the start period in this format" as instructions or something

```
/**  
 * Add working times until the owner decides to stop  
 * @return [period][0 - start, 1 - end]  
 */  
public String[][] addWorkingTimes() {
```

I can word it better, but you get the point hopefully

Jarod

Maybe that unix one spence talked about?

just for now while we're in console

Anesu

No I mean, the owner needs to manually input the date in the console. Unless you are saying the owner will input it in Unix format then ok, lol

Jarod

As long as the format matches the format that is being output it's fine

Anesu

Do you want to save local changes to a stash and retry Merge?



Merge may require a clean working tree to complete successfully. After the Merge succeeded, the stashed local changes will be automatically reapplied.

Automatically save stash

Cancel

Save Stash

What do I do here?

I selected sync and that showed up

Ok, I am gonna cancel and pull whatever changes you had (I backed up my changes) and retry

Jarod

good idea

my changes aren't too big

Anesu

Ok, done. The only thing the owner cannot do is "showEmployeeAvailability()" because I will probably need some help/clarification on how to go about the 3-way array

Jarod

yup that's fine

Spencer

Nah we won't input in unix format. Probably just let them pick a valid date then using HH:MM 24hr which we convert to unix on the spot.

There will be a lib to do it

Anesu





Spencer

I'll be at uni at 2.40



Anesu

Oh by the way, are we meant to assume that the working times are the same everyday?



Spencer

We can set them

I think



Weekly

I think it's on a 7 day roster

Spencer

Anyone got a link to any user stories?



looking for owner/customer login acceptance tests

I have customer login user stories

It's on Trello

Spencer

whereabouts?



cant find it hahaha

Oh haha

Lemme find it

Spencer

nvm



Found it

Anesu

Didnt I add one on trello?

All good

Anesu

Nevermind, didn't see the last messages LOL



I still don't know how I am supposed to do the JUnit tests for 99% of my functions. Maybe I need to figure out the emulated input sometime soon

Spencer

i thought stdin still worked?

you dont need to test those ones if it doesn't work

just everything else

if it's in a function with scanners, abstract it out

abstracting the regex in login

that came out wrong, was meant to be "remember in class when i told you to abstract the regex in login?" you do that and then you can use junit on it



Also, I'm hungry as so ill be a few minutes later, grabbing a snack when i hop off the train

Anesu

LOL it's raining and I don't think I have a working umbrella



This is gonna be an interesting journey 😊

Spencer

Anesu, you use chrome right? I'm assuming everyone else is using chrome



We can install an extension called trello points, that allows you to do poker on the trello tasks

Anesu

I use both depending on the website LOL

Spencer

It'll make ours look impressive if we just shit out points everywhere before the tute

Anesu

Ohh, I use firefox for trello, but fine 😊

Spencer

<https://chrome.google.com/webstore/detail/points-for-trello/mkcpchladphoadhaclmnlpjhijboljik>

Also, I fucked up majorly with the due dates lol, I set them all for 4. as in, 4am.

oh well



anyways everyone install that

Anesu

I am going to be slightly late. I am hoping it stops raining soon or slows down.

Spencer

We just have to meet up by 2.55 at the latest Anesu

cos Jarod and Russell have class



that gives us time for a scrum meeting

Jarod

I'll probably just go do the quiz and then come back

 This security lecture makes me want to neck myself I don't think I can handle anymore security today

Yea I kinda left 😊

Spencer

Huh russell?



Left the city or? 😊

Anesu

I am aware. I am pretty sure I can make it

Left the security lecture haha

I'm chilling in 10.6

Spencer

 I went to 1 security lecture all semester lol

It's so fun ain't it

Spencer

most of the content you cover is stuff you learn when you use a computer lol

except you learn the terminology

building 12 floor 6 guys?

we'll see if the groupwork screens are any good

 if they're not taken

Anesu

I am here

So where are you?

 I hope you aren't all connected to the wifi cos that's clearly not working

Spencer

 Almost there

MAR 21ST, 5:08PM

I think for this week we should do mockups for 3 of the 5 owner functions for the week

And then the other 2 we do mockups for next weeks meeting

Jarod

So each sprint we decide what we want to be up to by the next sprint? Do all the paperwork for that (Acceptance test, Mockup, User Story) and then get on programming

 All the paperwork is for the following week

MAR 21ST, 11:00PM

Anesu

 Anyone with resources that can help with Exercise 2?

Jarod

 On computing theory?

Anesu

 Yes

Jarod

 I can help you out if you run into trouble, I've finished most of them

Anesu

 The final answer is supposed to be in the form of a^*aa etc right?

Jarod

 which question?

Anesu

Exercise 2 first and the second anyway

 i.e (a)i and (a)ii

 Jarod

 yeah that's the form those are meant to be in

 Jarod

 <https://docs.google.com/a/rmit.edu.au/document/d/1M5vuTkf8DzjE0jSrCcNIARKZdB6FFV4zxhsM8UxTkPM/edit?usp=sharing>

 Is that good enough for a user story?

 Or is it too basic/something is wrong

 Spencer

 I think you can abstract further

 View all bookings and view specific booking (with more detail)?

 Jarod

 SHould I include the information types required? Like username/bookingperiod

 Anesu

 LOL at the "I want to To view all booking summaries so that I can View booking summaries" I know I can't think of any other way to change that , but does look funny

 Jarod

 Yeah it doesn't sound right

 I was going to change it to 'So they can organize their schedule' but it doesn't have anything to do with the system

 unless that is irrelevant

 Anesu

 Yeah, I think thats the only way to change it really

 Spencer

 I want to view booking summaries so I have information on what bookings have been made this week

 Anesu

 Yeah, thats a better one actually covers exactly our requirements as well

 Jarod

 It says look at the summary of bookings but doesn't specify that it's within the week in the functional requirements

 is it something that homy specified? That you're viewing booking summary of bookings made in the week

 Anesu

 It is for now according to the tutor

 Jarod

 ok

 Anesu

 In the console form though

 Jarod

so if it's not in console form then it isn't made within the week?

 Anesu

In the console mode it's only up to a week I thought. Wait, I could be confusing it with making bookings, was that the one limited for a week?

 Something that is supposed to show monthly in GUI is weekly in console Jarod

I've expanded it, instead of writing the week thing in the main story, I wrote different acceptance criteria for the GUI and Console on how many entries they should display

MAR 22ND, 4:42PM

 Anesu

Hey, so adding the employee requires the name, phone number and address right? The id being only handled in the background? So no possible errors except like the phone number?

I was going to say add another field for email which can be used as an identifier

 Anesu

Ok, will do that then

 So I should then do another mockup declining because the email is already taken then

Yes please

 Anesu

```
2 Add Employee
3 -----
4 Name: John Smith
5 Email Address: john@email.com
6 Phone Number: 0232198654
7 Adress : 123 Address Rd
8
9 Employee was added successfully!
0 Press any key to return to menu...
1
2
3 //The mockup below is when owner gives an email already assigned to another employee
4 -----
5 Add Employee
6 -----
7 Name: Peter Smith
8 Email Address: peter@email.com
9 Phone Number: 0332198654
10 Adress : 132 Address Rd
11
12 Failed to add the employee details provided.
13 The email you have provided is already taken!
14
15 Press any key to return to menu...
16
17
```

 Good enough? Anesu

Wait, I forgot what did the booking dates look like again? Just type it in here, it's for the Summary of bookings. I assume it's that table one I showed you the other day showing currently booked times?

Anesu

So far I have this:

Bookings		
Customer Name	Start Period	End Period
Tom	06/10/17	09/10/19
James	11/10/17	15@/10/19

Press any key to go back to Menu...



Whoops, removing the @ lol

Fixed:

Bookings		
Customer Name	Start Period	End Period
Tom Lane	06/10/17	09/10/19
James Smith	11/10/17	15/10/19

Press any key to go back to Menu...



 Not sure if we should change the customer name to username?

The email can be used as a user name as more than one person may have the same name

Anesu

yeah but username can be rusell200

 not saying we should use that, but just making a point LOL

Oh okay haha

Spencer

 The spec says username doesn't it?"

I'm not entirely sure tbh

Jarod

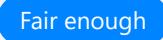
 I think stick to the ID for now, since the email isn't in the spec I think it's safer to ask Homy later on then to include it right now

Spencer

 yeah inb4 he roasts

Anesu



 Fair enough Anesu

Changed it

Jarod

It will be easy to change later on anyway if we decide to put the username in

 We need to have our tests done before we email homy right?

Anesu

But what about the view bookings? Should it show customer name or customer username or both?

 Currently shows customer name

Jarod

 It should show customer username and the period

Anesu

like above

 Ok

Jarod

 because what if there are two customers with the same name

Spencer

Both then

 The point of the mockup is so he can look at it and tell us that it is wrong. Anesu

Yeah, but if we are gonna do both, I am gonna need to do a bit of changing in the code

Spencer

Don't worry about the code, it's not due till next week

 We can always email him anyway Anesu

Ohhh, I though he was gonna check the code as well LOL

Spencer

I think I fixed the problem that we had when presenting to him

 all it was, was a try catch specified a SQLException instead of any Exception

Jarod

 Also need to fix the menu options for the Customer/Owner?

Spencer

I don't think that was required implementation

 it is for next week though

Anesu

Bookings

Customer Username		Start Period		End Period
Tom Lane		06/10/17		09/10/17
James Smith		11/10/17		15/10/17

Press any key to go back to Menu...



Lol, whoops, forgot to change the names

Ok, gonna add this to trello then:

Bookings

Customer Username		Start Period		End Period
Tomlane		06/10/17		09/10/17
Jamessmith		11/10/17		15/10/17

Press any key to go back to Menu...



Maybe add times to the period

Anesu

ok

Spencer

Wouldn't the period be a time of day, not a date?

oh oops didn't see russells message



my bad

Anesu

Russell is implying I add both the date and time. I assume you are saying only time during a single day?

Spencer

Well that screen implies that they have a 3 day booking

when in reality it would be an hour



or 15 minutes

Anesu

Oh so it's supposed to be only for 1 day. LOL my bad then



Ok hours it is

Jarod

Well you still need to know what the date is



otherwise how will the owner know what date the booking will be on

Spencer

it would show all bookings for a week



with both the date and time of day

Anesu

Ok

Jarod

I reckon just keep the current format but add time to it

Spencer

Yeah

Alright are we ready to email Homy?

Anesu

Bookings

Customer Username	Start Period	End Period
Tomlane	09/10/17 1:00 PM	09/10/17 2:00 PM
Jamessmith	10/10/17 1:00 PM	10/10/17 2:00 PM

Press any key to go back to Menu...



Well after I submit that

Spencer

that looks good

Anesu

upload to trello*

Jarod

I'm going to add everything to documentation

Double check my documentation that's attached but I think it's 100%

Spencer

alright let me know when i can email him

Anesu

I have added it to trello a minute ago for your own info

Jarod

I've sorted the user stories by sprint in the documentation is that fine?

I think that works better coz it's easier for him to access it

Spencer

Hey Homy,

Spencer (s3539519) from the 1st group on the Tuesday 4.30pm tutorial here.

We have completed the tasks we were meant to have done on Tuesday. They are located on the trello under "Work to email to Homy" at <https://trello.com/b/fofnDZrJ/development-roadmap>

I am also providing the same content in this email.

User Stories for the features being implemented next week:

Booking Summary

<https://docs.google.com/document/d/1M5vuTkf8DzjE0jSrCcNIARKZdB6FFV4zxhsM8UxTkPM/edit>

Employee Mockup

<https://docs.google.com/document/d/1cNDNRffXYQXcDym9rUnVdmexiNRAd-wDiCvcdNQnZAQ/edit>

Mockups for the features being implemented next week:

Booking Summary

https://trello-attachments.s3.amazonaws.com/58b5135779ce99d046e4ac3a/58d0c4e7818efb7fe2efe806/e3ff7b72500b6da8a8da408509180e8d/Customer_Booking_Summary_mockup.png

Employee Mockup

https://trello-attachments.s3.amazonaws.com/58b5135779ce99d046e4ac3a/58d0c4e7818efb7fe2efe806/14de0683a8a3b99f3491bce30c661bba/Add_employee_mockup.png

Our project now passes all Acceptance Criteria for the implementation of Owner/Customer login and register, which was implemented this week. This is located here:

<https://docs.google.com/document/d/1zRENoLFGPYH9XiG41mJPLEGlmcJk6qvBXfH-Nvag5n4/>

The github for our assignment is located here: <https://github.com/Jarodwr/SE-Process-and-Tools>



Thanks for reading. Please let me or any other group member know if any of our progress is unsatisfactory.

Spencer

if anyone sees issues with this let me know, I'm gonna send it once you've all agreed its good

Looks good, thanks spencer

Anesu



Anesu

Looks good from my end as well

Jarod



Spencer

We all good?

Jarod

yup

Spencer

alright, prepare for the roast

Jarod



Anesu





Spencer

Sent



MAR 23RD, 12:02AM

Anesu

I was looking for something and I found these! Man this has been a long journey of me getting into Linux. To give you an idea of how long ago I started getting these. Ubuntu is now on 16.04. I mean the Mandriva disc says 2009 anyway, but yeah.



Pretty cool collection in my opinion.

Jarod

neat, that's pretty dated lol

Anesu

I only got them because they used to come around and give them for free on "freedom day".

MAR 23RD, 10:58PM

Hey Guys, I was wondering if anyone has finished the CT assignment and I was wondering if someone could explain to me what the very last question is asking us to do because I'm very lost

MAR 24TH, 12:27AM

Anesu



Marcela Klocker Brignardello > The RMIT CSIT Society

11 hrs · Sunshine ·

Struggling with computing theory this semester? I have three years of tutoring experience teaching everything from primary to university subjects.

I am currently tutoring a few other student in computing theory. I have a few limited spots left for anyone who is interested. Comment or pm for more information!



Like

Comment



5



Frankk Grimes Def interested

Like · Reply · 1 · 9 hrs



Alexander Rivaldy help me study plz

Like · Reply · 2 · 9 hrs



Deep Tanti Any and all help would be appreciated.

Like · Reply · 1 · 8 hrs



JP Villavicencio Kosta Psinas need help?

Like · Reply · 1 · 6 hrs



Ramadan Sali Interested

Like · Reply · 1 · 4 hrs



In my feed once again LOL

Spencer



LOL

MAR 24TH, 10:37AM

Anesu



Just to confirm, it is due Sunday right?

Yea

MAR 24TH, 12:16PM

Anesu



MAR 24TH, 10:45PM

Anesu

Make Single Noninitial Final State
Create a new state to make a single final state.



Oh wait I see. It doesn't like the multiple final states in the given SA

Well, that's lame was ready to take a shortcut LOL



Was trying to do the FA to RE. Anyone has a solution to that?

Anesu



Anyone?

Jarod

You create a random extra state and then do the conversion



The program requires a new end state but it doesn't do it automatically for some reason. However if you just make one that is completely disconnected then it will do it.

Anesu

Like make a final one that transitions on like a random character like a "g"?



Also it needs to be final?

Jarod

nah, just create a state, don't do anything to it. click step to completion or just keep clicking on step

Anesu

Ohh you meant, one that isn't even connected. I see. wow interestin



And I thought this was random as LOL

Jarod

no I mean create the state after you start the convert

Anesu

Yeah, I already was in convert and I first ignored the warning above, pressed "Do it" and it showed up with "just create a state". Thats when I came asking here

Jarod

ah okay lol

Anesu

Generalized Transition Graph Finished!
[(ab+ba)*e+((ab+ba)*e*(a+b))((a+b)(a+b))^(ab+ba)*fba(da*fba)*(da*e+(da*e+da*e*(a+b))((a+b)(a+b))^(ab+ba)*fba(da*fba)*dab)b((aa*b+aa*fba(da*fba)*da*b)*(aa*e+(aa*e+aa*e*(a+b))((a+b)(a+b))^(a+b))



WOW

MAR 25TH, 2:50PM

Jarod

I'm going to try adding log4j to the booking system



Anesu



Spencer

i just realised homy never replied. IHope I got the email right. Jarod and I doublechecked it with the one on blackboard and it seemed the same

MAR 25TH, 8:10PM

Jarod

we didn't have one on friday so should we have a meeting tomorrow?

Anesu

Yeah, I was gonna ask that actually and forgot to. But yeah, would be down for that

Depending when I might be able to attend it

Anesu

Yeah same



PS its online so yeah, no need to be physically there so to speak

Jarod

<https://docs.google.com/a/rmit.edu.au/document/d/1A9QNPxq3phcLpJowUgBLDq0p6v8aQsuPd9InFamrMEI/edit?usp=sharing>

Sign in - Google Accounts

google.com

This is the user story I've made for showing worker availability



I'll post it to trello as well

MAR 26TH, 9:13AM

Anesu

Apparently we have a practical assessment on Tuesday. We probably should get ready for that

MAR 26TH, 1:07PM

Jarod

you guys all good in half an hour?

Anesu

So 1:30? yeah sounds good

I am not free till about 4pm

Jarod

yeah that's cool

If y'all are free go ahead and meet and just fill me in on what's going on 😊

Anesu

LOL, I wont be free after 4pm till 6:30

Jarod

wanna have it tonight then

7:00pm?

Anesu



Could it be around 7:30ish?

Jarod

yeah that's good

Anesu





Spencer
that suits me

MAR 26TH, 2:55PM



Anesu
About ct did you guys just copy the one generated by JFLAP?



Jarod
yeah
removed the spaces though



Anesu
You mean the lambda signs? I.e where it says $(\lambda|b|c)$ you just do a $((b|c)^*$



Jarod
no as in
 $(b + c)$ becomes $(b+c)$



Anesu
ahh, mine doesn't have spaces.... LOL. Is yours also a huge string by the way?



I mea a huge thing in length not string
Interesting about the spaces, mine doesn't for whatever reason



Jarod
yeah
 1

MAR 26TH, 4:09PM



Anesu
Wow, that file command is pretty handy. I just realised that's how linux can tell what a file is without looking at the extension. Like I have a couple of videos without the extension but the file manager knows the type of the videos anyway. Can use this for my personal project actually LOL



Anesu
Referring to the CT assignment



Spencer
What still needs to be done for Tuesday?

Anesu

Well, I have done nothing except what we handed up, so I would say a lot? I will look into it after I come back though (After I submit both my assignments). Not sure about what everyone else has done though



I am guessing I need to do the menus for what we handed up pretty much?



Hey guys not to be like super annoying or anything but could we move up our meeting to 7:15 instead? I just realised I have something on at 7:30



Spencer
that's fine Russell and it's all good it's important that the time suits everyone



MAR 26TH, 6:21PM

Spencer

I might not make it guys, I'll let you know 5 minutes before



If not just go ahead



Spencer

Should be all good 😊



Jarod

you guys all good to go?

I'm good to start now :



Anesu



Jarod

let me just open up my laptop

Jarod started a group call.

Jarod joined the group call.

You joined the group call.

Anesu joined the group call.

Spencer joined the group call.

Group call ended

Spencer

did you guys hear me? I dont think my mic was working 🤦



I asked what we should do about Homys email, he never responded to me from the other day



Anesu

ROFL, we were saying you were afk 😅

Spencer

I was there the whole time



trying to talk, sorry! mic must have messed up



Anesu

Yeah, no idea, I guess like he said, it's all on him



Spencer

Hopefully



Jarod

I just pushed some stuff which effects a lot of classes (Because I added bookingID to booking)

MAR 27TH, 1:26PM

Jarod

Hey, Homys will probably want code contribution for our own personal marks tomorrow. If you haven't got a task maybe abstract some of the controller functions into smaller, testable functions.

eg. Register would be broken down into
SearchCustomer
AddCustomer

eg Login would be broken down into

SearchCustomer

Authenticate

SetActiveUser



Anesu



Yep, will get on to mine in like an hour

MAR 27TH, 7:01PM

Anesu

I like how no one noticed the wrong spelling of address in this mockup. Also are we still going to do email as ID?

Add Employee

Name: John Smith
Email Address: john@email.com
Phone Number: 0232198654
Address : 123 Address Rd

Employee was added successfully!
Press any key to return to menu...

//The mockup below is when owner gives an email already assigned to another employee

Add Employee

Name: Peter Smith
Email Address: peter@email.com
Phone Number: 0332198654
Address : 132 Address Rd

Failed to add the employee details provided.
The email you have provided is already taken!

Press any key to return to menu...



I am still adding it as one of the fields, but just a note for who ever is doing the backend

Spencer

nah since it doesn't specify email in the spec i think we shouldn't use it as an id

also, important info for you guys

Homy replied, said our stuff was satisfactory for last week



but

Anesu

Ok so I should completely remove that field. Ok, got it. But that means I better edit that mockup before tomorrow LOL

Spencer

he said to ignore viewbookings

and to work on "Services" instead

so if you remember the completed project that he had



services is like, the different haircuts and prices

Anesu

Ok, this part is kinda confusing. So the owner will instantly add working times as he adds the employee? Shouldn't we have like a separate menu or something to do it? Or does that complicate things too much?

```
/*
 * Views screen for adding new employees with working times
 * @return [employee][0 - details, 1 - timetable][]
 */
public String[] addEmployee() {
    System.out.println("-----\nAdd Employee\n-----");
    String[] name =
```

 I am gonna push the one that only adds employee details for now since our sketch only did that. Will change the sketch if that's the way we should do it

Spencer

We can do both actually

 you should be able to pick

Anesu

How exactly do you suggest we do it? What I mean is how should I do it in console. Like can you make a real quick sketch on what/how I should ask for the timetable

 in like notepad or something is what I mean LOL

MAR 27TH, 9:10PM

Anesu

```
Add Employee
-----
Name: John Smith
Phone number: 02933884
Address: 123 Address Rd

Employee added successfully!
```

This is currently what it looks like right now

Ignore the employee added successfully part, just part of the sketch. But the menu looks like that right now. So how should I do the working times. Is it always going to be the same time during the whole week?

 I mean the same time of the day for the whole week? If so then I would just do a simple start period and end period question. But if not, I guess that's when it gets a bit complex on how to go about it

Anesu

While I wait for the other answers, I assume this will only show times available for booking?

```
/*
 * Prints availability timetable to screen
 * @param [period][0 - start, 1 - end]
 */
public void viewBookingAvailability(String[][] availability) {
}
```

Jarod

 Yeah

Anesu

Anesu

Ok, does eclipse have some kind of AI?!?! I literally copied the code from one of my other menu methods edited it in a text document (using replace all to replace variables) and pasted it into the new method. It literally automatically edited the menu title and I didn't see it until now!

Anesu

```
/Menu Title
system.out.println("\n-----\navailability\n-----")
```



Like WOW. Its in the middle of a tonne of code by the way like:

```
for (int j = 0; j < availability[i].length; j++) {

    //Check if the length of the customer start time is currently the longest
    if (j == 1 && availability[i][j].length() > longeststartTimeLength)
        longeststartTimeLength = availability[i][j].length();

    //Check if the length of the customer end time is currently the longest
    if (j == 2 && availability[i][j].length() > longestendTimeLength)
        longestendTimeLength = availability[i][j].length();
}
```



Menu Title

```
stem.out.println("\n-----\navailability\n-----")
```

Table Title*/

```
ring tableTitles = "      Start Period"; //Start Period table column title
r (int k = 0; k < (longeststartTimeLength - "Start Period".length()); k++)
    tableTitles += " "; //Add Spaces to balance the table column length
```



Maybe I am overreacting but I am impressed

Anesu

If anyone changed something in the Menu class in the last 2 hrs, I am about to replace your changes because somehow there is conflicts but I was the last person to push changes on that class. So I undid all my changes (copied them to a new document, pulled and I am about to put them back in). Yes, I checked github so this is strange.

Spencer

What were the changes?

Anesu

Thats the problem, I don't see any....

It just complained when I was about to push

And I went to check and there isn't any changes

MAR 28TH, 12:45AM

Jarod

I had a similar issue

MAR 28TH, 1:48PM

Jarod

I'm hanging around uni but it looks like there isn't any space to sit down, when you guys are done in class tell me where we're meeting

 Spencer

Go the group seating?

 With the hdmi and vga Jarod

I went there but it's all full

 Spencer

ah alright

what should I work on right now? Im on the train

 what do we still need for full marks today Jarod

I just pushed an SQLConnection change

let me check, we need add employee working, currently it adds a new customer I think?

 I also added a logging framework on my computer but I'm having trouble getting it to display to the console Spencer

Well it works in SQL I believe

I'm on my way just finishing up with something g

 Jarod

I'm in the green room in building 10 level 11 right now

 Spencer

Has everyone been ticking off their trello cards?

 So we know what's done and what isn't

I'm in building 12 ATM

I'll meet you at level 10 as your there now

11*

 Jarod

neat, I'm about half way down

 the seats Spencer

So today:

We need working implementation of the User Stories we sent last week

We need user stories for next week

We need JUnit tests for the implementation of this week

We need scrum minutes up to date

 Before class we will do the practical ourselves using knowledge from the lecture slides, we'll take it in turns being leader, in class we'll ask if we can not go first for once (if he says no, no matter, but at least if we try)

Sweet

 Jarod

We're in building 14 level 2



Go down the stairs instead of up



Spencer



Good spot?



Jarod



Yeah



Anesu



Will be there in 15

Spencer

I'm lost guys where do I go



MAR 28TH, 9:18PM



Anesu

I like how I fell asleep because I somehow felt tired from the 4 hours of doing nothing LOL



Spencer

Biggest time waste ever



Hey at least that guarantees a mark



Anesu



MAR 28TH, 11:25PM



Anesu

I assume as the name suggests, mock tests are practice tests? for CT

MAR 31ST, 1:32PM



Jarod

hey we having a meeting today?



Anesu

I am available

I won't be free till about 2:40

I'm free now but my internet is out so I'm stuck with my mobile data which I almost have none left



Jarod

No worries we can do it later



Anesu



Spencer

Just woke up

MAR 31ST, 7:21PM



Spencer

i made our sprint 5 tasks, we should start tommorow and aim to finish before monday



Spencer

anyone is welcome to add or change tasks just say so that you're doing it in here so everyone knows

MAR 31ST, 9:01PM



Anesu

Yeah, looks good, I don't think I have anything to add! I suppose the scrum meeting is now happening tomorrow? If so, what time?



Spencer

i won't be awake till 4ish

APR 1ST, 1:27PM



Jarod

I think that:

- Add new employee
- Show worker availability
- View available times

should be higher priority than add services, we should be trying to get all the functional requirements done before adding stuff that isn't specifically in the spec.

 I think that services should be integrated into bookings but I don't think we need an add function in the controller for it

APR 1ST, 3:02PM

Spencer

 i agree with you
have you made a start?

Jarod

Nah not yet but I'll do stuff over tonight and tomorrow, trying to finish off algos first

 It's actually not as easy as I thought it would be

APR 1ST, 4:31PM

Anesu

 I am now quickly making sure the date thing is fixed cos I opened eclipse only to see a tonne of errors from last time I was working on it

Spencer

 It's cos it's deprecated I think

Anesu

 whats the owner user and pass again?

Jarod

 Ownertest
1234

Anesu



Anesu

I am having some of the most strangest errors yet with git LOL

 Ok, everything is fine now. No idea what was going on, but fixed itself

Anesu

 So the meeting still happening?

Jarod

 yeah we need to have one because we're getting assessed next week

Jarod

 so you guys down for one now? everyone free?

Anesu

 Can do it from 8:45 onwards

Jarod

 yup that's fine, 9:00 a good time for everyone else?



Spencer

i have work at 9 tonight



Anesu

Ok I can quickly join in in like 2 mins if you guys do it now



Jarod

it doesn't really matter too much, we're mostly going over stuff we've already discussed



Anesu

Seems like Russell is offline as well



Jarod

yeah how about when russell gets on we'll have a quick meeting



Anesu



I am just about to leave my house, sorry guys my phone was charging the entire time



Jarod

all good



Anesu

hahahaha

APR 2ND, 10:19AM



Anesu

So everyone available at 1pm today? Anytime before 4pm for me is fine. Or after 6:30pm



Jarod

Yes I am anytime



Spencer

Yes

Available before 3

I'm available till 4:30pm today



Spencer

Great 😊

APR 2ND, 12:52PM

I'm ready to start when y'all are 😊



Jarod

Same here



Spencer

Me too



Anesu





Spencer

Let's start then

Jarod started a group call.

Jarod joined the group call.

You joined the group call.

Spencer joined the group call.

Anesu joined the group call.

Spencer joined the group call.

Jarod

```
authenticate
setActiveUser
addCustomerToDatabase
addEmployeeToDatabase
getEmployeeAvailability
addEmployeeAvailability
getBookingsAfter
getBookingsBefore
getBookingsByUsername
addBookingToDatabase
```



Booking System

Please Login or Sign Up below



ASRJ Booking System

[Log out](#)[Add Employee](#)[View Employee Timetable](#)[View Booking Summary](#)[Add Working Days](#)

Spencer

<https://puu.sh/v6o5k/1c3c0e3d87.png>

Group call ended

Meeting minutes updated, if anything needs to be added please add it 😊

Jarod



APR 2ND, 8:02PM

Jarod

Is adding working times adding shifts for the employees or is it adding slots that the employees are available?

Spencer



Latter

Jarod



MON 12:46AM

Anesu

Sorry, I have been away the whole time so didn't get anything done today. Will be 100% my priority from tomorrow afternoon onwards

Spencer



Same here

MON 2:54PM

Hey Guys I've uploaded a bunch of GUI mockups on trello, let me know what you think, I have view employees timetable left to do but not sure how to go about designing it

 Spencer

I've pushed my get SQL table functions so it shouldn't be too hard

I was mainly referring to the layout of it rather haha

Spencer

Just use a 2d table I guess

Monday - [times]

Tuesday [times]

or maybe you could do

Monday Tuesday ...

[times] [times] ...



Okay 😊

MON 6:23PM

Anesu

ViewBookingSummaries() displays services that the customer chose
in list Sprint 5 (29/3 - 4/4) 



I assume you guys are gonna store the services as a plain string in like the third element in this:

`all bookings to screen
[booking][0 - customerUsername, 1 - startPeriod, 2 - endPeriod]`

 Spencer

Yeah something like that

Anesu



Anesu

With viewing available times, I assume it's also within a range? Like 1pm - 2pm. Although technically that would mean the customer doesn't really have much choice in terms of time selection, other than booking 2 periods or more back to back etc

Also I noticed it ain't on trello, so I better add it I guess

 Oh wait, it's there just not assigned to me. My bad.

Anesu

Wait a sec, I have already done this one. Isn't it this:

```
/**  
 * Prints availability timetable to screen  
 * @param [period][0 - start, 1 - end]  
 */  
public void viewBookingAvailability(String[][] availability) {
```



Spencer

Uh hang on

I think it might be

No it isn't

 basically that mockup you did the other week, you need to display services as well

Anesu

I could be misinterpreting your message, but this is a different thing from view bookings. I have fixed that already (not pushed yet). This is the next task I am supposed to do in this sprint (as in, I noted it down during the scrum meeting) for "view available times".

 I am wondering if that's the same thing, just different wording

Spencer

 nah you've done it already I guess

Anesu

 Ok cool.

MON 11:48PM

Anesu

 WOW 40.8% not considering wrong submissions failed assignment 1 for CT. That ain't looking good LOL

Spencer

 did it get emailed?

Anesu

 Maybe, but I am looking at the announcements cos I am trying to figure out the due date time for the mock test LOL. And no, the results aren't out, just the stats are

Spencer

 where are they?

Anesu

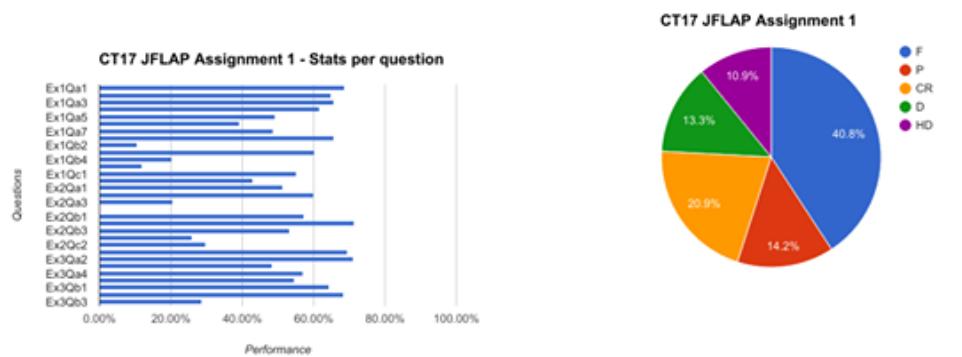
Directly on the website under announcements

JFLAP Assignment 1 Stats

posted 32 minutes ago by Sebastian Sardina

Dear all,

I am almost done finishing the marking of the JFLAP Assignment 1 for CT17. I expect to send the marks soon, but here are some stats so far:



reflections:

- Unfortunately many many students did not follow the submission requirements. Note we have made a robust system which is able to handle any name of file, any. We also converted many obvious wrong encodings, such as submissions with BOM or non UTF-8. However, you still need to submit your files in the right place (i.e., in the root directory of the zip file) and you still need to submit a zip file and not corrupted files, etc. Many students seem to not have followed the basic instructions stated repetitively in the assignment specification (1st page), in the Google Submission Form (submit zip file with all files in its root dir), in the web page (check [here](#)), and in the forum many times... This explains a large fraction of the F above.
- The average, not considering wrong submissions, was 63%, which is compatible with previous years. However, previous years was arguably a harder assignment as it included manual questions and even proofs...
- The solution template for the assignment can be found [here](#).
- Question E2Qa4 was by far the most difficult, and it indeed it was. It is also a very interesting question. Because of that, and because I want you to think think and challenge yourself to the limit, I will allow you to re-submit that question alone later in the course and before the class test (week 11). If you submit the perfect answer, you will not only get back the 2 marks of that question, but also get 3 extra bonus marks for the assignment!
- Some parts were marked either fully correct or fully incorrect, whereas others were given partial marks. In particular, no partial marks were given where you were expected to make no mistake, or where there was no meaningful way to assign partial marks. Other parts were tested for full correctness, and if not, tested against some examples for partial marks (after an initial deduction for incorrect answers).
- Observe that most of the questions were already testable by you using JFLAP, that's another reason why you were expected to make no mistakes in questions.

In a few days you will receive an email with your results and the automarker output. But for now please have a look at the solution posted here! :-)

That's all for now...



 I would expect it to email them like it usually does though

Spencer



wow that's damaging



Jarod

Crossing my fingers

TUE 11:09AM

So we have to submit a transcript of our online communication



Jarod

Yay

And it's quite difficult to get our convo in text, I've been trying for the last 40 mins haha



Jarod

When do we need to hand it in?



Anesu

Yeah was about to ask about that ^



I thought it was as the end, like when we submit?

I think on Monday



Jarod

Is it due on Monday?



Anesu

WOW, crap....

I believe so



9am



Jarod

Well we need to power through this week

Yea



Spencer

Wtf an online transcript?



Can we just pretend we never speak outside of class or?



Jarod

We would probably get docked marks



Spencer

Ah okay



Anesu

This is all going into the online transcript 😂. I am joking LOL

Spencer

Are we meant to transcribe meeting minutes TPP?



Too*

Yea I believe so

Spencer

so like everything we said in the meeting? where does it say that?

we should probs email



before we accidentally do too much work

We'll talk about it when we meet later today

Jarod

I'm at floor 2 building 14 gonna be doing unit tests until you guys get here

Spencer

"For your communication tool, you will likely have to copy paste the comms into a file and submit that as a PDF."

Shouldn't be difficult, just edit out all the bullshit

also Part B is out I think for viewing

also we need some sort of test logging, like we write all our tests in a pdf and whether they pass or not and if not whether we are fixing them

Jarod

Yup, I'll get on that after I finish the rest of my tasks

Anesu

SO what time are we meeting?

Jarod

2:30 in guessing

Anesu



Anesu

Add Employee Working Times

Employees:

1. John Smith
2. Sarah Walker
3. Chuck Bartowski

Select an employee of interest as identified above: 1

John Smith: Working times

Add a working period in 24-hour Military Time format

Start Period: 12:30
End Period: 14:30

Employee working times updated successfully!

Press any key to return to Menu.....



Is that good enough?

Jarod



Maybe when a working time is added it gives the user an option to add another working time or go back to the list of employees

Anesu



About the whole "time format" I thought it would make it easier back-end to manipulate.

Jarod



And then from the list of the employees if you enter nothing it returns you back to the menu

Anesu



And ok @Jarod Wright

Spencer



We have to be able to specify the day

Anesu



Spencer

or date since it's working times



for example how do i get someone to work on a monday

Anesu



Yah I just realised. So do we make it a date or day?

Spencer

probably date

and then availabilities would be day instead

who did showWorkerAvailability?



it has errors

 Jarod

Me

I fixed them just pushed

 Spencer

okay syncing

 Jarod

You might need to delete the sql

 Spencer

ah still errored

 <http://puu.sh/v8Cv3/0770325dbb.png> Jarod

I think I mucked up a merge and a change to the menu wasn't written

 Anesu

Probably because I don't have those functions in the console? Unless Someone did them?

 Jarod

Yeah I added them to make things easier but it must have been overridden or something

 Spencer

what's the point of view.showEmployeeList?

 Jarod

Shows a list of employees and returns the l'd of a selected employee

 Anesu

LOL, when did you do that? Because earlier today I had errors about some overlapping changes, that is probably what happened. Because I just went an downloaded the latest version of the menu class from github and manually replaced my current one to solve the problem. And probably github was still outdated I had an outdated file

 Jarod

Controller gets the id and fetches the availability and calls the view time table one

 I did it late last night Anesu

Well crap

 Spencer

check through your revisions and grab it jarod, or pastebin it if you have it on your local pcc

 Jarod

Dw it wasn't big

 It had nothing in it I was going to go over it with anesu this meeting Spencer

we need them working by class today

 Anesu

Ohh ok. I will quickly do something on them

Spencer

I think we also need to distinguish that working times and available times are two different things



looking at our trello shows otherwise

Anesu

PS, thanks to gihub, I just went back in history and got the functions. And yeah I see they didn't have anything in them as you said, but I have the supposed structure which is good

Spencer

can ou add them back to yours and push so I can have them too

Anesu



Anesu

DOne

Why is the employee list a 2d list?

Nvm

btw I am halfway streamlining a table function so that I only call one function for any type of table. But it's not fully done yet, so I am gonna just re-use some of the code just so that this works 100% for the lab today :P

Jarod

I'm getting this from getEmployeeAvailability() <https://puu.sh/v8Dv7/f616476167.png>

```
[SQLITE_ERROR] SQL error or missing database (near "?": syntax error)
org.sqlite.SQLiteException: [SQLITE_ERROR] SQL error or missing database (near "?": syntax error)
    at org.sqlite.core.DB.newSQLException(DB.java:909)
    at org.sqlite.core.DB.newSQLException(DB.java:921)
    at org.sqlite.core.DB.throwex(DB.java:886)
    at org.sqlite.core.NativeDB.prepare_utf8(Native Method)
    at org.sqlite.core.NativeDB.prepare(NativeDB.java:127)
    at org.sqlite.core.DB.prepare(DB.java:227)
    at org.sqlite.core.CorePreparedStatement.<init>(CorePreparedStatement.java:41)
    at org.sqlite.jdbc3.JDBC3PreparedStatement.<init>(JDBC3PreparedStatement.java:30)
    at org.sqlite.jdbc4.JDBC4PreparedStatement.<init>(JDBC4PreparedStatement.java:19)
    at org.sqlite.jdbc4.JDBC4Connection.prepareStatement(JDBC4Connection.java:48)
    at org.sqlite.jdbc3.JDBC3Connection.prepareStatement(JDBC3Connection.java:263)
    at org.sqlite.jdbc3.JDBC3Connection.prepareStatement(JDBC3Connection.java:235)
    at database.SQLiteConnection.getEmployeeAvailability(SQLiteConnection.java:412)
    at controller.Controller.showWorkerAvailability(Controller.java:210)
    at controller.Controller.run(Controller.java:84)
    at main.Main.main(Main.java:19)
```

Spencer

I just completely realised that we need more stuff for working times, since for some reason in my head i thought that and availabilities were the same thing

Add worker times is for next weeks task, we only need add available times for this week

Spencer

must be my SQL query wanna take a look at it?>

Oh okay russell

thats less difficult

but isn't it due next week? I thought that's what you said this morning

Yea but we have one sprint left after today's meeting with homey

So we just need to get it done by the weekend

Spencer

okay

idk jarod try deleting db

 not sure where it's going wrong

Jarod

 I tried that, I'll just keep messing around

Spencer

take a look for yourself

 mabe the subquery syntax is wrong

Anesu

 Also I just realised I don't need a table for this part.

Spencer

 which part

Anesu

showEmployeeList()

It should just be like:

1234 James Lastname

 in a list I assume

Jarod

 I think it was missing a bracket in the query gonna give it a whirl

Spencer

yeah maybe

yes it was

good pickup

 push and sync when you'r eready

Anesu

 Everytime I run the program to view stuff, bookingSystemDB is modified. I assume it doesn't matter if I push that as well? Because everytime I have been going to github and getting the one from there from avoiding this

Jarod

 It doesn't really matter, if it messes up we can just delete it

Anesu

Here we go again with the overlaping changes lmao

Before I do this, I assume no one edited the menu class since last time I edited it? (As in since the time I restored the lost functions)

 Nvm it was that db's fault lol

Anesu

I am gonna be 20 or so minutes late. Just trying to get these functions done before I com
come*

 btw I get errors about the db once I select the employee of interest

Jarod

Yeah Ill fix that, that's an error on my part

Anesu

Wait to push, I am about to 😊

DOne

Ok, I better prepare to come LOL

Hey Jarod, where are you again? I'm on my way now

Jarod

Floor 2 building 14

Cool cool

Anesu

Something to brainstorm while I am on my way

Add Employee Working TimesEmployees:

1. John Smith
2. Sarah Walker
3. Chuck Bartowski

Press the enter key without any other input to return to menu.

Select an employee of interest as identified above [(Employee's ID): 1

John Smith: Working times

Add a working period time in 24-hour Military Time format and date as dd/mm/yyyy

Date: 07/08/2017
 Start Period: 12:30
 End Period: 14:30

Employee working times updated successfully!

Would you like to enter another working period for James Smith?

1. Yes
2. No

Selection: 2



TUE 3:34PM

Spencer

Just waiting on chips then coming back



On my way!



TUE 4:56PM

Spencer

Holy shit went so much better than expected 😂😂

lkr!!!!

Anesu



Spencer

TUE 9:06PM

I have get first second of week functions
should work I hope
except in software time Mondays are the first day
and that's non-negotiable without editing default java shit

but we can work with that



Anesu

Just doing the quiz, I know this is supposed to be "do on your own" thing, but I genuinely would like to know more about this one:

Q15. The language L3 does not exist as L1 is based on a set and L2 is based on regular expression.

2 points

- Wrong answer will attract penalty.
- TRUE
 - FALSE
 - I'd rather not answer



Spencer

It's false because regular expressions can be used to generate sets

What's L1 and L2 assumed to be?

Anesu

Q13. Let L1 be a language over the alphabet {a, b, c} as defined below. Select the correct grammar G1 such that $L(G1) = L1$.

4 poi

$$L_1 = \{b^{i+1}a^j c^{2k} \mid i, k \geq 0, j > 0, j \neq k\}$$



And ok

Spencer

actually possible true

i dont think there is a single regular expression that can do that

but

the reasoning is bad

WED 3:03AM

Jarod

Haven't synced it because it's some pretty huge structural changes but I got everything working on my computer:

```

SEPT Booking System by SARJ [SE-Process-and-Tools master]
src
  controller
    Controller.java
    ControllerTest.java
  main
    Main.java
  model.booking
    Booking.java
    BookingsTestCases.java
  model.database
    DatabaseException.java
    SQLiteConnection.java
    SQLiteConnectionTest.java
    UserExistsException.java
  model.employee
    Employee.java
  model.period
    Period.java
  model.services
    Services.java
    ServicesTest.java
  model.timetable
    Timetable.java
  model.users
    Customer.java
    CustomerTest.java
    Owner.java
    User.java
  view.console
    Console.java
    ConsoleTest.java
  view.gui
    LoginController.java
    RegisterController.java
    temp.java
    Login.fxml
    Register.fxml

```

I split Controller into two classes:
-Controller keeps track of what the model and the view should be doing and notifies each one to do tasks

-Services is for interfacing with the SQLConnection and manipulating the Model Objects
- mostly stuff that would be considered server side

Renamed Menu Class to Console and gave it its own package

Added all GUI classes together (If this is inconvenient or doesn't work, feel free to expand it into different packages, this is just what I think looks neatest, not necessarily most functional)

 I'll push it tomorrow, if it gives you guys too much trouble then we can just revert it and try do it a different way

WED 12:04PM

Anesu

I won't be coming to the lecture today. Let me know if anything important is mentioned!

 For CT

No worries 😊

Anesu

 Thanks!

WED 4:39PM

Jarod

 I was talking to spence about this but we could change the 'Booking' class into a subclass of 'Period', it would reduce a bit of code and also allow us to have say a timetable of bookings to display

We could do that

WED 9:29PM

Anesu

 So anything from the lecture worth noting?

I'd give it a read over

But nothing extremely note worthy



Anesu



THU 6:59PM

Anesu

Hy guys, I remember we said we were meeting at like 11:30 tomorrow? Can we make it 12:30 instead? Cos I will be in a lab and incase I don't finish it in time, I have up to 12:30 to do it.

Jarod

I'm fine with it

Spencer

thats fine

Spencer

its mostly to work on it anyway

Anesu

Good point. I guess you can meet earlier in that case

THU 8:50PM

That's also fine with me 😊

FRI 11:46AM

Jarod

Is this an irl meeting

Spencer

yes

im going to be late though

taking the 12.20 train cos i woke up late

Wait is it really? I thought it was a online meeting

Spencer

oh i thought we were going in to work on it

i can't stay focused at home 😅

maybe i misunderstood it lol

Whelp I'm like an hour away plus I gotta deal with this guy coming to repair my garage door

Spencer

yeah don't worry jarod are you able to do online instead?

Jarod

Well I'm just about out the door

I can do online but I'll do it when I get to uni

Spencer

lmao turn around go back

oh okay

 all good

Anesu

 LOL, I thought it was at Uni. Also I am oposite, I focus more at home ROFL

Spencer

well jarods coming to uni i think

 I'm also an hour away so I won't come in today

Anesu

 Ok so online?

Jarod

If we're going to have one then it might as well be tonight because we still need to finish our sprint tasks today

 Maybe focus on that during the day and then we do it later? Otherwise I don't really see the point

Anesu



Okay, I won't be free in the night till earliest 8:30

But most likely be 9pm if it's cool

 Jarod

That's fine for me but what about you spence do you have work?

Spencer

 I have work tonight yeah

If it's at 5:15-5:30 I'll be good to do it

Jarod

How about midday tomorrow, main reasoning is because if we do it today, we'll just discuss the tasks that we still need to do and not really get anywhere. Prefer if we just work on the assignment today and talk after we have finished everything

 5:15 works as well

I am free tomorrow

Spencer

 I have overnight tonight, won't be awake at midday

Jarod

 Are you free at 5:15

Spencer

today?

 yea

 Jarod

Deec, let's do it then

 Try make that the goal for finishing all the sprint tasks Spencer

you've pushed your shit yeh jarod?

 Jarod

Yeah

FRI 1:50PM

 Spencer

Anesu what are you working on?

just wondering cos I was gonna work backwards to get view availabilities working at 100%

 I wanna know if PrintTable is working Anesu

No, I am gonna be working on it like right now. Just got back from Uni

 Spencer

Okay

Well for ViewAvailability, we need to have all the days of the week across the top

and then an employee can have multiple periods they're available on a day

so we need to include that info for each day

so like

|Monday|Tuesday|
3pm--4pm|2pm-9pm|
7pm-8pm|

or else we're not presenting enough info

 I'm making a function right now that takes unix time from each availability and returns a day, so for example 8200 would be around kmonday 2am, but 90000 would be tuesday 1am etc, so you can figure out which day to put each period on Anesu

Ok

 Spencer

Is that all good?

Cos that's a lot of work

 And I may have been confusing Anesu

Someone could do the day thing while I do the table thing to reduce time I guess

 Actually it would rely on my table function. So wait for that. I could as well do that then. Won't be too hard after that Spencer

Yeah can you do it by today though?

 Anesu



Yes



Spencer

Sweet

Anesu

Woah, my whole thing is red-lined. What happened LOL



I mean I just opened it after sync and yeah

Spencer

Try refreshing

and if that doesn't work

Delete your project and reclone



Jarod renamed every package

Anesu

LOL, ok

Anesu

All good now

Spencer

I added

public ArrayList<String> addAvailableTimes()

to Console class



I'm syncing it now



Anesu



Spencer

alright I've almost finished editAvailability()

but one big issue, we didn't have enough menu options

so we gotta refactor permissions



will that break anything?

Anesu

Yeah I saw that. I had to force stop without properly exiting LOL



Dunno if it will, Jarod worked on those, so not sure

Not with the menu loop

Just add an extra option at the end for it and it should work

Jarod

Yeah as long as you add it to the end of the array it shouldn't mess with anything

Spencer

Jarod how do you convert a string to a timetable object?

 Jarod

you can just use the string constructor

oh wait

I think you create a blank timetable

And then use mergeTimetable

 and you can parse the String as a parameter of it (it's overloaded)

Spencer

okay sweet

just wondering

I think my editAvailability is done

I synced it

just editing the permissions array now

 Okay pushed and synced Jarod

did you update the default perms?

Spencer

Yeah

Well I think so

I edited only the user, owner and console files

hold up I made a mistake

no you're right i forgot to do that, syncing now

what's this jarod

 "Apr 07, 2017 3:15:45 PM controller.Controller <init>

WARNING: Cannot create logging file, using console logger

 Jarod

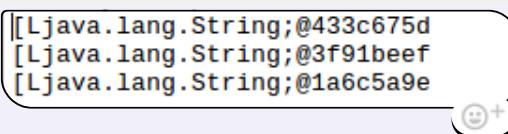
Don't worry that's a message I put in there, it's meant to display if it can't create a logging file.

 Spencer

why can't it?

Anesu

How do you disable the logger, I am assuming it's responsible for catching the errors somehow?
Cos I am getting an error but the logger is showing this:



```
[Ljava.lang.String;@433c675d
[Ljava.lang.String;@3f91beef
[Ljava.lang.String;@1a6c5a9e
```



Spencer

comment it out anesu

 in the controller file

Anesu

Where is it from?



Spencer

just make sure you uncomment it or discard changes when pushing



Jarod

I'll quickly fix it soz about this

Spencer

Btw lol

we should probably rename the Services class

because we have an actual entity called Service in the program



I suggest "Utility"



Anesu

Ok, need help with what exactly I am supposed to comment out?



Jarod

just synced a fix



Spencer

lemme test if it fixed

Is anyone currently working for on the controller file? I want to make some changes but I think your working on it spencer, it's not too important but can be done later

Jarod

Because spence is working on the worker availabilities/working times I'm going to go through all the classes people aren't working on and comment through them

Spencer

I'm working on it right now but what did you want to change?



Depends cos if we're not touching each other's stuff it shouldn't cause issues

Just moving some of the console commands in controller functions to be changed to method parameters for testing, I'll just work on add employee test cases in the mean time

Spencer

yeah just do that for now

Anesu

Was the log fix supposed to bring back the errors? Cos it didn't on my side

Spencer

Let's refactor once we have all functionality

Sounds good

Anesu

If not (related to my message above), kinda stuck on that

Btw I'm only testing functions with return variables

Coz how do you test view functions

Spencer

You don't

they're for acceptance tests



I think homy will be fine with us not doing that

Cool cool

Spencer



I remember him saying something like that

We can always make them return true or false, ie if it prints something out or not

Spencer



sick of my fucking database locking

Anesu



hahaha happened to me like a couple of minutes ago when you didn't have the logout permission working

Anesu



Waiting for a response

Spencer



whats the problem

Anesu

Errors arent showing

Except something like this:



[Ljava.lang.String;@433c675d
[Ljava.lang.String;@3f91beef
[Ljava.lang.String;@1a6c5a9e



Spencer



idk ask jarod

Jarod



Have you synced?

Anesu



yes

Jarod

Oh wait I know what it is



Comment out all the logging code I'll fix it in 20 I have to quickly go do something

Anesu



ALL of it? Thats a lot LOL

Jarod

Yeah uh how about change the file Handler in the controller constructor to a console handler and set its level to severe

That's a temporary solution



Soz in away from my computer for the next 20

Anesu

Nah, that's fine

Cool, looks like that did it

Anesu

Nah, only shows some errors but not all. Like a deliberate error shows up. I will wait till you change it. And don't worry I am doing another assignment anyway, so no time wasted 😊

Spencer

Just moved a bunch of important shit around, recommend syncing asap

Jarod

utility should be a model package

Spencer

Oh okay

I'll fix soon

I'm not done with itJarod

neat

Spencer

currently editing it

Jarod

I'm gonna push a change that should fix all the logger stuff

Spencer

Almost 100% the booking and services code

then we just have to finish the menu and thatJarod

What classes are people working on right at this minute? I wanna go through and log/comment through them

the ones people aren't working on

otherwise we'll get conflicts and stuff nasty

I've finished my upload and currently not working through anything, just looking at other assignments

Spencer

okay synced My changes to booking and services

Jarod

okay so do you guys want to have the meeting now?

Could you give me 5?

Jarod

yup



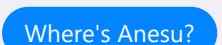
I'm ready

 Jarod

Same here

 Spencer

Hang on just trying to fix the console gimme a sec

 Where's Anesu?

Jarod started a group call.

Jarod joined the group call.

Spencer joined the group call.

You joined the group video chat.

Spencer

Exception in thread "main" java.util.regex.PatternSyntaxException: Unclosed group near index 37
\d+\s+([a-zA-Z]+|[a-zA-Z]+\s[a-zA-Z]+ anesu join the call?

Anesu

Wait, I just got back. Needed a quick sleep LOL

 Wahst happening?

Spencer

 We scheduled the meeting for 5.30

Anesu

 Wait, was that for today? I thought you were gonna do it tomorrow?

Spencer

 Nah it was today

Anesu

 Sorry LOL

Anesu joined the group video chat.

Spencer

Dw about it

 have you made any progress?

Group video chat ended

Anesu

 Well, yes, but I need to see my errors, so not sure if Jarod had fixed the errors thing. Let me go through the messages above

Spencer

He has

 try it now

Anesu

Yeah sorry bout that guys, was tired and fell asleep LOL. But for some reason I thought you said tomorrow mid day somehow. And then 5:15 (in the context of tomorrow)



So what did I miss?

Spencer

Okay anesu I just pushed a change that removes jarods debugger. It's just commented out so we can add it before we present

so sync and you shouldn't have any more problems

Nothing really Anesu but we really need your menu functions to be working



most other stuff is done

Jarod

The issue isn't the debugger the issue is that the simple date format isn't parsing properly

Spencer

let me know if you need help

don't use the SDF



it's shit anyway

Jarod

This is in the console, it's necessary for a readable format

Spencer

its barely readable



use mine instead

Jarod

Because it doesn't work



Bookings aren't displaying

Spencer

```
SimpleDateFormat sdf = new SimpleDateFormat("yyyyMMddHHmmss");
SimpleDateFormat viewing = new SimpleDateFormat("h:mm a d:M:yy");
```

use viewing

oh okay



let me take a look

Anesu

Ohhh, so the problem was somewhere else this whole time LOL

Spencer

okay the issue is that the date format isn't correct going in



we need to keep the date format in seconds from 1970 until it is actually shown

Anesu

```
public String formatDate(String date) {  
    try {  
        SimpleDateFormat formatedDate = new SimpleDateFormat("yyyyMMddHHmmss");  
        Date newDate = formatedDate.parse(date);  
        formatedDate.applyPattern("dd/MM/yyyy HH:mm:ss");  
        return formatedDate.format(newDate);  
    } catch (ParseException e) {  
        e.printStackTrace();  
    }  
  
    return "";  
}
```



Here is what I have been doing in console

Spencer

alright sync now anesu i edited formatDate

Anesu

ahhh, did option 1 suddenly become register?

nvm I see they switched in the code



LOL, I am apparently missing ServicesTable

Spencer

Hang on a sec just changing the DB a lil

Alrioght anesu sync now and the services problem will be gone and the bookings should display properly

i hope

did you switch them around anesu? they went back to being wrong



oh nvm i think it was when russell merged

Anesu

Nope. Haven't pushed anything today because things have beeen changed overtime

Yeah probs LOL

Anyway, aint working

I mean the error went away, but I am now getting:

```
[Ljava.lang.String;@433c675d  
[Ljava.lang.String;@3f91beef  
[Ljava.lang.String;@1a6c5a9e
```



I thought that was a problem on my end, turns ot it was already there

Spencer

add debug prints to test where the code is that is doing that

Anesu

View Summary of Bookings



View available bookings is working though

Spencer

yeah I know but you need to find out which line is doing that

so add debug prints like

System.out.println(1)
System.out.println(2)

 throughout the view summary code to find out which line is erroring

Anesu

Ok the problem is here: longeststartTimelength = formatDate(bookings[i][j]).length();

For whatever reason it can't format this date:

20181011173

 Oh wait, did someone change the formatDate function?

Spencer

Yes I did

I said above

 It needs to take seconds from 1970

Anesu

 Ohh I see. I thought it was related to the backend only for some reason. Well apparently its not detecting the seconds from 1970 properly looking at it.

Spencer

Well it should, why what are you inputting?

 Did you sync?

Anesu

Yes, I do have your new code

 Thats how I noticed

Spencer

 Delete the database

Anesu

```
    * Converts date to a readable format
    * @param date
    * @return farmatedDate
    */
public String formatDate(String date) {
    Date time = new Date(date);
    SimpleDateFormat viewing = new SimpleDateFormat("h:mm a d:M:yy");
    return viewing.format(date);
}
```

 Ok

Spencer

Try 1491553665

That's a date time stamp for right now American time

 Any luck?

Anesu

Nah, I thik when I deleted the db it deleted the bookings as well? Cos I get "No future bookings". So let me first fix that. I will just discard my changes on the db and re-syc

Actually I have a good idea

Yep the date you gave me wont convert

Spencer

Let me use a junit test to check

Anesu

```
java.lang.IllegalArgumentException
    at java.util.Date.parse(Date.java:617)
    at java.util.Date.<init>(Date.java:274)
    at view.console.Console.formatDate(Console.java:305)
    at view.console.Console.viewBookingAvailability(Console.java:559)
    at controller.Controller.viewAvailableTimes(Controller.java:203)
    at controller.Controller.run(Controller.java:93)
    at main.Main.main(Main.java:19)
```

I'll leave you to it while I do my table thing. Thought it was the problem this whole time LOL

Spencer

Actually why don't you try wrapping it like this:

Long.parseLong((Long)formatDate())

formatDate takes a string but i think booking stores shit as Longs

Anesu

Give me 5 mins. working on something on the table real quick before I do that

Spencer

Yeah I figured it out

Should work now Anesu

I think

Yeah should work now

lemme test it anyway

Anesu

I was getting used to the new login being 2. It was muscle memory at this point 😊

And nope, ain't working. Let me make sure I have the right stuff

This time I got a nice error though:

```
[Ljava.lang.String;@3f91beef
[Ljava.lang.String;@1a6c5a9e
java.text.ParseException: Unparseable date: "20181011173"
```

For now I am gonna disable it so that I can work on the table properly while you figure it out

Spencer

That date is the wrong format Anesu

Unix time stamps will always start with 1 (this century anyway)

Anesu

I see what you mean, it is coming from the database. I guess we gotta change them from it

Actually can you change it? Cos I haven't worked on the database side



That also includes the available times btw

Spencer

I'll take a look anesu

idk I already changed the database to use unix timestamps. did you delete the db? I'm jsut gonna take a look for myself



try deleting the db and trying again

Anesu

Whenever I do that, it says "View Booking Summaries: No future bookings"



Is the one on git up to date?



Spencer

Yes

Anesu

I can manually download that oe



There isn't a db on git looking at github LOL



Spencer

okay I'll upload one gimme 1 sec



done

Anesu

Nope, got the same: "View Booking Summaries: No future bookings" After getting the new db



Let me restart Eclipse and re-add it



Spencer

I think it's probably your code



I changed how bookings work



is your code on github



Anesu

I don't even have that error output. It happens before even calling my code



Spencer

yeah i think it's your code then



because the bookings exist



I opened the db in sqlitebrowser



Anesu

Let me put like a println at the very start of the function to make sure



Spencer

Can I see the code where it says no future bookings



since you haven't pushed it



Anesu

Thats the point. I never wrote that error



hence why I am sure its not on my side



by "my side" I mean in the console menu

Spencer

nvm anesu it's in controller

i ctrl f it



I'll take a look at the propblem



Anesu



Spencer

Oh I see now

No idea if it'll work anesu but I think i found the problem, sync in 20 seconds



sync now



Anesu

You only edited the controller right?



Spencer

I edited controller, utility and sqlite



but not console



Anesu



Spencer

it work?



okay now checkBookingsWithinAWeek is erroring, let me fix it



Anesu

Ok, its working now. Except apparently I am not getting customer names. I assume you deleted them or something?



Spencer

Nope, I think that must be your code

<https://puu.sh/vccVG/c30f5c323b.png>



cos they're there



Anesu



Spencer

nvm I found the problem of that too

gimme a sec



Okay I think I fixed that, now customer name is the third thing in the booking array so something like bookings[i][2] where i is the booking you're up to



Anesu

Ok

Spencer

take a look at Bookings.toStringArray() to see what I mean



i synced it already

Anesu

I like how that change made a line I coded 2 seconds ago redundant LOL



Wait, before I sync, I am assuming you didn't edit menu

Spencer

gimme a sec i need to fix checkBookingWithinWeek aswell which is in menu

Anesu

ohh ok

Spencer

here's the code if you can't sync

oh wtf facebook blocked it lemme pastebin



<https://pastebin.com/EKxERtbz>

Jarod

Should I have the SQLiteConnection log to a separate logging file or log to the same file

Spencer

same file



doesnt really matter

Anesu

Cool, I was thinking of how I was going to do that 😊



the "check within week" thing

Spencer

just replace the current function with it

and then let me know how you go cos i have work soon so i wont be able to help

and we need this all working but sunday

by



at the latest

Anesu

Well, apparently the check within week is broken.

Wait, did you fix it?



2 secs

Spencer

yes I sent you the fix on pastebin

Anesu

Yeah I see. I thought it was already applied. Just added it!

Spencer

Well I thought you couldn't sync fcos it was in console class



Anesu

well, something broke again. Flipping hell



Spencer

what is it?

Anesu
Ok, nvm. For some reason the original code to print the customer bookings aint working anymore, but if I now call the bookings it kinda works. No idea whats with that.

Ohh wait



Spencer

that's because I changed the code



Anesu

Now we are talking. LOL



Spencer

did it work?



Anesu

Yeah, should be able to push a working table printing function soon. The alignment is a slightly screwed up, but that can be fixed later.



Spencer

thats great



Anesu

controller's view available times is now broken LOL

```
Exception in thread "main" java.lang.NullPointerException
    at controller.Controller.viewAvailableTimes(Controller.java:198)
    at controller.Controller.run(Controller.java:94)
    at main.Main.main(Main.java:21)
```



Anesu

Sync to make sure you have the latest version

Anyway, dissapearing for like an hour or so



Can you guys leave me some JUnit tests? Cos everyone has like 1k+ lines of commits and I have like 800 LOL



Jarod

Yeah that's fine I'll mostly be doing logging and javadoc tonight



Spencer

dont worry about it anesu you did the hardest part anyway



you won't be penalized



Anesu

You do know Hormy right? 😊

DW I have 800 aswell

But to be fair I haven't pushed any on the GUI files

Jarod



If he asks I can just tell him the reason my lines are out of proportion is because I renamed a whole load of files

Yea if you look at the pluses and minuses yours works out to 1000

Jarod



View all available times isn't working for me, is it working for any of you guys? I've been spending time fixing it but I'm not sure if it's a localized problem

Anesu



Can't check right now, will do soon

FRI 11:43PM

Jarod

I just pushed a fix for it



if you guys could test it that would be great

Anesu



Oh yeah, I pointed that problem earlier actually. It still isn't fixed on my end

Jarod



have you synced?

Anesu

yeah. Let me make sure though

I needed to refresh. All good!

I just realised I have been coding from 8:30 AM to now almost non stop except for 1 hr sleep at 4:30-5:40 and Dinner LOL



(I was doing another subject and a different subject in the lab in the morning)

SAT 12:54PM

Hey guys I'm not sure what everyone is doing but I am currently going through the controller class and I thought this would be the best time to do it

Anesu



I am fixing the padding problem with my table right now. Also for some reason it wasn't working with the view bookings which I have fixed

Spencer



Anesu have you got view summary of bookings and view employee availability??/

Anesu



But not pushed yet cos I am gonna do it at once while I am at it

I haven't touched that part of the code yet I'm assuming that your working from the view class?

Anesu



Spencer by employee availability, is that the "available times"? Or I haven't even done it yet?

Spencer

view Available times

im not sure if you've done it



but we need it done by tommorow

 Anesu

Ok, yeah, both are working. I just have a weird bug with padding

 Spencer

and finally we need view working times

 did you push them? Anesu

No, give me like 10 minutes or so, I have a lot of debugging printlns through the code right now

 Jarod

Is this the correct format: <https://puu.sh/vd6gL/4577827e71.png>

Start Period	End Period
2:00 AM 25:4:36	6:00 PM 5:6:36
7:00 PM 2:3:39	10:00 AM 13:4:39
7:00 PM 26:11:41	11:00 AM 7:1:42
3:00 AM 18:2:42	7:00 PM 31:3:42

everything looks fine except for the year

unless that's intentional

 I'm talking date time format not padding Spencer

is thjat availabilities? cos it needs the day across the top

if its bookings then dw

 I can fix the date Jarod

it's availabilities

 Anesu

All ok

 yeah Spencer

oh okay well it needs to be like
Monday | Tuesday | Wednesday

 Jarod

However either way what about the year in that? They're all over 30

 Anesu

Also the date conversion is spencer's side

 's code* Spencer

can you fix the table to display which day they're on?

 That's what Homy wanted Anesu

2 secs. Let me finish this up first

Spencer

This message was removed because it contains blocked or harmful content.

<https://puu.sh/vd6uU/e46b901195.png>



no date, just day and time

Anesu

Ok, just give me a bit of time before I do that, kinda in the zone of this problem of mine here

Jarod

I moved logging to the main class and it now doesn't print anything to the console

Anesu

Almost done

Spencer

how you going anesu?

Anesu

Pushed the padding thing. But Whats with the Bookings where services is like missing and customer name is there

Spencer

what do you mean

Anesu

It looks like this right now:

Or did we ditch services?

Start Period	End Period	Services	Customer Name
3:00 AM 9:4:17	4:00 AM 9:4:17	Joe	
3:00 AM 10:4:17	4:00 AM 10:4:17	Bob	
5:00 AM 10:4:17	6:00 AM 10:4:17	Bill	

Spencer

No we have services

I changed the booking class



so you'll need to change how you do it

Anesu

ahhh, have a look lol

Spencer

Bookings have an arraylist of services

loop through the arraylist and print it



or i think I made a toString function for services that you could use instead

Jarod

I did the documentation for utility however I'm getting some merge shit with console because I forgot to not commit the sqitedb

<https://puu.sh/vd7PW/9c36a10fcb.png>

Should I push that or ditch it



I'm not sure if it's my version or the latest

Anesu

Ok, I am gonna work on the available times problem



I mean formatting to the Week day thing

Spencer

make sure you push what you've already done

Anesu

I already fdid

Spencer

so I can get things working too

Anesu

did*

Spencer

okay sweet

Jarod

Should I push this console file or not, is this the newest one anesu?

Anesu

The newest one was pushed like 5-10 mins ago



6 mins according to git

Jarod

yeah but I'm having merge issues, is the file in that picture the same one as you have or different

Anesu

The same one



I.e the newest one

Jarod

neat neat



I'll push now

Anesu

SO yours has padding working?



If it does then, yeah

Jarod

well it's pushed I'll give it a go

Anesu

Test with View Available Times, yeah I know its wring format but it wil confirm the padding fix

Ok guys I think we confused our class naming scheme. "View Available Times" is under this calss:

```
/**  
 * Prints availability timetable to screen  
 * @param [period][0 - start, 1 - end]  
 */  
public void viewBookingAvailability(String[][][] availability) {  
  
    String[] headerTitles = {"Start Period", "End Period"};  
  
    printTable(availability, headerTitles, "Bookings", false, "No bookings available.");  
}
```



Jarod

is viewBookingAvailability meant to correspond to the working times of the employees?



or is it meant to be the availability of the employees



Anesu

According to the new info I just got, yeah LOL

Spencer

no view booking availability is neither

it's whenever the business is available to a customer for booking



so a timetable of all employee availabilities merged together



Jarod

yeah so it works as it should



Anesu

No, but Spencer said it should be in week day format



Jarod

I mean on the backend



Spencer

not this one anesu



Anesu

Ok lol



?



Spencer

This one should display dates



the Employee availability displays Days



Anesu

Ohhh, my bad. Got it



Oh yeah, forgot to add it to the new system anyway lol



Ok, so how do I do the week day thing with the unix code? Like how do I determine when it is within the week day etc?



Spencer

Check the period class



I made a bunch of helper functions



Anesu

ok



Spencer

So what are you trying to do? figure out what day it is?

Anesu

Yes in other words

Oh wait

they work at the same gven time each day?

Actually nevermind. Yeah



I am trying to figure out the day LOL

Spencer

I'll make you a function that does it



gimme a sec



Anesu



Spencer

What is this for? View Employee Availability?



Anesu

Yes. So like you showed above

Spencer

If you're trying to find out what day a availability is on

you can use convertSecondsToDay(int seconds)

in the period class



it returns a string that is the day



Anesu



Spencer

so convertSecondsToDay(86401) == "Tuesday"



convertSecondsToDay(1) == "Monday"



Anesu



Anesu

LOL I know this is a dumb question, but how do I call it from Menu? Do I have to give the period start and end dates first and then call the function I want anyway? Like:

```
period = new Period(Date1, Date2);
period.convertSecondsToDay("86401");
```



Spencer

it's a static so you don't need to create a period object



you can do Period.convertSecondsToDay()

Anesu

Why didn't it work before LOL



I think I might have done a small letter "P" or something

Spencer

not sure honestly, i think maybe your object wasnt valid

Anesu

nah, I tried doing exactly the way you did and it didn't work LOL. So I decided to do the object way

Spencer

ah I see



I uploaded a diagram of my database

Anesu

The times are in unix seconds right? As in I can give the whole thing to your function Spencer?

Spencer

yeah

Anesu

I can't pass them to int for whatever reason (too long?)



parse*

Spencer

they might be strings

Anesu

Yeah, I want to make them int, but it doesn't like it

Spencer

show me the error

Anesu

```
int test = Integer.parseInt(timetable[0][0]);
```



Problem is, it's not printing the errors. Oh wait I gotta catch the exception

Spencer

so whats the problem?

Anesu

```
java.lang.NumberFormatException: For input string: "1491580800000"
```



Spencer

```
try (int)(Long.parseLong(timetable) /1000)
```

Anesu



Spencer

that number is in milliseconds i believe



you need it in seconds

Anesu

I am now getting an array out of bounds



Specifically coming from Period. 2 secs

Spencer

dw I know why that is

fuck



thats annoying

Anesu

I like how it doesn't print exceptions anymore. I assume its to do with the logger thing? Not that it matters I am just catching them and printing them now

Jarod

It goes to the logging file

Anesu

Ohh yeah, I see

Jarod

Try not to leave exception printing in the release because it looks a bit messy

Anesu

Yeah, I know. I was doing it for debugging purposes

Spencer

I know what the problem is anesu, i pushed a quick fix to let you do your programming

sync to grab it

you'll have to delete the db alsop



also*

Anesu



Anesu

Exception in thread "main" java.lang.Error: Unresolved compilation problem:
The method logout(boolean) is undefined for the type Controller

at controller.Controller.run(Controller.java:122)
at main.Main.main(Main.java:47)



Spencer

@Ja

Anesu

This is what happens after syncing and deleting the database



On initial load

Jarod



hmm I'll give it a go

Spencer

i have that one too



did someone move the logout function

Jarod

It's working on my end



But I'm probably not up to date

Spencer

@Russell Menezes was working on controller earlier

Anesu

Ok, I am gonna disappear for an hour and I will be back to fix the employee timetable thing

Spencer

Yeah the logout issue came from Russell, he deleted an empty function



but the empty function was actually what allowed us to exit the program somehow haha

Yea my bad

I thought I reverted it before I pushed but I guess not

Also sorry for not messaging, my phone likes to disconnect from the internet if I'm using it for a bit

Fixed and pushed

Also I got a question about the add employee function, I remember us talking about needing to change what it is that we are asking the user for: the question is what are we supposed to ask the user for and is it different than what is currently in the code coz I remember us talking about it, take your time to respond I'm just about to eat lunch

Anesu

I guess we should remove employee ID?

We did change back then btw



Unless if I am missing something

Spencer

Yeah I thought about that and I haven't done it yet

but I added a function to replace the employee id part with

SQLiteConnection.getNextUniqueId()



will return an int that you then use instead of the employee id

Anesu

Ok, so I can safely remove it now?

Cool cool

Spencer

Nah it's not implemented just that function is



I'll do it soon



Anesu

Ok

Spencer

leave it to me gang



Anesu



Anesu

Hey, with the employee timetable, should I show all the days on the header, or only the ones they are scheduled to work on? PS its easier far easier to do the last option, but if you think it looks better I would do the first one



Spencer



I think Homy wouldn't like the second one



Anesu



Spencer

but up to you, since we are moving to gui soon



Spencer

i fixed the employee id thing

and synced

what else do we need for tommorow

for monday i mena



mean



Jarod

There are a whole load of tasks on trello for submission



Spencer

okay



Spencer

does view working times work?



Jarod

Is that even an option? We have view worker availability



Spencer

I wrote a peer assessment and put in the to submit folder, take a look and add to it if you disagree, I think it's fair that we all get 25% and I hope it's fair with you guys but if someone disagrees you're welcome to speak up



Jarod

Yeah I think it's fair

 Spencer

I'

I'm pretty suyre with the peer assessment we also have to write who did what
that's how the submission thing is worded
so i did a bit of that
feel free to add to it, make your parts look better

Jarod up to you if you wanna do this but someone else can volunteer if they like, but we need a high level class diagram

 the one we started with is pretty wrong now Jarod

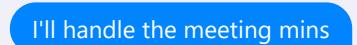
Yeah I'll do it for sure

 Spencer

I'm gonna compile all the user stories to a single document and put it in submissions

 Jarod

I've almost finished javadoc on everything, then I'll move on to logging

 I'll handle the meeting mins Should I write one up for yesterday? Jarod

I started on rewording the previous minutes but you can revert it if it looks bad

 Anesu

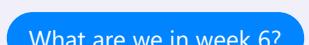
I am doing 2 things at a time. I have something due tomorrow. So excuse the slow progress. Will push in like 30 mins or so

 Spencer

all good Anesu

Yeah do that Russell

theyll expect 12 i think?

 maybe 11 What are we in week 6? Spencer

i honestly dunno

 So yea 11 I think Spencer

lol we have like 3 user stories done twice by different people

 did anyone else notice that/ Jarod

I think the ones done multiple times were because the original ones weren't valid

 Lol

Anesu

I am noticing something I am assuming is valid. An employee can have multiple working period within the same day?

 periods*

 Spencer

Yes

Anesu



Spencer

that's intended

 for example they can work the morning or night but not midday

Anesu

 Yep

Spencer

let us know when you get the next console stuff working

it's pretty much all we need to finish

 also view Working times aswell

Anesu

 I am slowly working on working times. What else is supposed to be working that isn't?

Spencer

I'm not sure

 so Available times is working?

Anesu

Well yes. But the format is apparently not right looking at the years. Thats an issue with your conversion function I think

 right*

Jarod

 so do employees have 2 timetables on them? Availability and working times?

Anesu

Start Period	End Period
3:00 AM 8:11:72	7:00 PM 19:12:72
11:00 AM 30:1:73	6:26 PM 10:3:73
7:00 PM 26:11:41	11:00 AM 7:1:42
3:00 AM 18:2:42	7:00 PM 31:3:42

 Jarod

Where is the employee's working times being stored in the db?

Spencer

as a shift

I just realised I haven't done any of that



gimme 20 and I'll do it, but for now someone should check that the rest works, in the controller and the console input

Jarod

Does it need to be done? Is it in the functional requirements? I thought we only needed to be able to add working times. Not view them

Anesu

Except for employee timetable output. That will come later

Spencer

Yes

it needs to be done i believe, i think it is in the functional requirements

Oh you're right

doesn't seem to be there

guess we could add a function to print the contents of working times

Jarod

so working times is the shifts with which the employees are working and availabilities are when the employees are able to work?

Spencer

Yes

But

I realised that we need to connect a customer to each shift don't we

so my table is incorrect

I'll work on it soon

Jarod

Doesn't that mean that view all availability should actually take from the shifts and not employee availability? Because it's for customers to view when they can book not for owners.

Spencer

no that's booking availability

Jarod

Also looking at the functional requirements it looks like we were meant to implement owners being able to add bookings

Spencer

availability is overall availability

oh we'll just swap it so only owners can do it

Jarod

Well customers are meant to be able to view available days/times and they can't currently do it

Viewing all employee availability at once is kind of redundant since you can view employee availability individually, it was just meant to be view available times i think

Jarod

My bad looking at the user story I made I fucked it up

Either way the focus should 100% be on the functional requirements:
<https://puu.sh/vdhdv/52b14223e6.png>

- If the owner can login successfully then the owner is able to:
 - add a new employee DONE
 - add working time/dates for the next month UNFINISHED
 - look at the summaries of bookings DONE
 - new booking UNFINISHED
 - show all workers' availability for the next 7 days DONE

- Customer only:
 - view available days/time UNFINISHED

Also one thing russel, when I try to create a new customer no matter what mobile number I enter it doesn't allow me to create anew user



It needs to be 10 digits long, I think that's it

Lemme check it in a sec

Anesu

Ps if you put an integer for username you get a null exception pointer. I did that by mistake :P
 (The pic below is just me making sure it was a bug)

```
Enter your username: 123
Enter your password: anesu
exception in thread "main" java.lang.NullPointerException
  at model.utility.Utility.searchUser(Utility.java:49)
  at model.utility.Utility.authenticate(Utility.java:85)
  at controller.Controller.login(Controller.java:144)
  at controller.Controller.run(Controller.java:79)
  at main.Main.main(Main.java:47)
```

Spencer

thats intended behaviour

its meant to throw exceptions if it doesnt exist

 we gotta disable the print

Anesu

 Oh wait, last time it didn't. I see

Anesu

 I am not gonna use the table function for employee timetable. It's causing unnecessary headaches.

Spencer

 all good anesu

Okay I fixed the regex for the phone number

But am having an issue where it won't add the user to the database

Spencer

more info

 ?

Like all the information passes to the method is valid and passes the validation check but when it calls services.addcustomertodatabase it returns false

And then doesn't add them to the database

Spencer

take a look at the service code i guess



It basically just redirects to the SQL class

And tbh I don't really know what's the error, so far I can't see anything

Spencer

Have you disabled error output jarod?

Anesu

Hey Soencer, do you have a function in Period that gets time only? Like for the day

Spencer*

Jarod

Error output goes to the logger, so it should be in the log file. Not sure if that's a bad practice

Spencer

as in?

Anesu

From unix seconds to like 17:30 or 5:30PM not including day or date

Spencer

that's what the sdf is for

you make a simple date format of just HH:mm

and it should work

Anesu

Oh wait, forgot it can work with unixTime. All good

Fk the database was locked

Spencer

Yeah fuckn eclickpse

Is there anyway we could fix it? Or is it just eclipse being a retard

Spencer

I'm honestly not sure

Jarod

You can go to debug and then find the process and stop them

<https://puu.sh/vdjeL/d21b340128.png>

It worked for me but that issue might be unrelated

Ohh like right click and remove all terminated programs?

Jarod

nah you right click on all of the ones running and click stop

well terminate

Also I fixed the customer permissions

Jarod

what did you change in the perms?

When Spencer changed the permission format to add a new option he forgot to change the size of the customer permissions

Spencer

oops

So it wasn't printing the logout option for the customer and then throwing an exception

Anesu

I hope you guys aren't editing the menu class, cos its gonna be hard to merge LOL

The console class? Or controller

Spencer

console

Phew I've just been editing the controller class and other small classes

Anesu

Ok good

Anesu

Ok this locked database thing really pushes the limits of patience LOL

Spencer

What Jarod said looks good to use Anesu

Destroy processes using the debugger, should unlock the db

Unlock*

Anesu



Anesu

Oh by the way, just did a push on changes to the console class

Anesu

Still working on the console class, just to let people know. Making it submission ready

Also what's with the first option after Owner logs in?

Anesu

Anyone know why this is green?

```

    /**
     * @param unixTime
     * @return formattedDate
     */

    public String unixTimeTo24Hour (String unixTime) {

        Date date = new Date((Integer.parseInt(unixTime))*1000L); // convert
        SimpleDateFormat sdf = new SimpleDateFormat("HH:mm");
        String formattedDate = sdf.format(date);

        return formattedDate;
    }

    /**
     * @param timetable [timetable][period][start, end]
     */

    public void showTimetable(String[][][] timetable) {

```



Jarod

add a * after /*

Anesu

Nvm]



Yeah, lol

Finished commenting through the controller class

Jarod there was a comment you made to do logging for the add employee function, I accidentally removed it

Jarod

Even after we finish the console and logging/commenting and stuff we still have functionality to do

Anesu

I keep getting a message about overlapping changes. 2 secs

Jarod

We haven't completed all the functional requirements in the spec

What's left

I can work on something ATM

Jarod

We need:

- Add new booking - Owner
- Add working time/dates - Owner
- view available days/time - Customer

Currently view available times is incorrect, it's the owner viewing the available times for the employees to work instead of the available times for the customer to book

Add new booking is a customer function and is part of bard b

Part*

Jarod

For the Customer it's part B but in the spec the owner needs to be able to make a booking in part A



Unless Homy has said something specific about it idk



Anesu

Ok in summary, is there any console functionality left before move on?

Where does it say this? Because I distinctly remember homy telling us off for trying to implement that

Spencer

It says the owner has to be able to make a booking

in the Part A spec

<https://puu.sh/vdldu/196cbba3f8.png>



3. If the owner can login successfully then the owner is able to add a new employee, add working time/dates for the next month, look at the summaries of bookings, new booking, show all workers' availability for the next 7 days.
4. Customer only view available days/time but not yet book a slot (Part 2);

I showed him that and he said to read the sentence before it

And then he said that it meant view summaries of new bookings

Summary*

Ignore my spelling i know its horrible

Ignore*

Spencer

Well what do you suggest. We can avoid it if you want but at the risk of a penalty



but if it's easy to implement we may as well to avoid losing a mark there

You have a point there

Jarod

either way we need to work on:

- Add working time/dates - Owner
- view available days/time - Customer

Spencer

And most of it is already done so I think we should finish it regardless

Yeah for sure

I have work in about 30 minutes



I'll get Add working times started solid

Jarod

yeah, I can do view available days/times however I need to know confirmed: view available days/time for customers is based off employee working times right?

Spencer

Yes, so it is in pseudocode

Jarod

hey I'm looking at the spec

Is availability even different from working times in the spec



it looks ambiguous af

 Spencer

(allEmployeeAvailabilityMerged) - (WorkingHoursForEmployees)

Yeah it most definitely is

Remember the finished product we were shown

 Jarod

Oh yeah

Spencer

 The spec is written badly and while we should follow it Homy set us on the right path with this one Jarod

So is working hours the periods of time where the employees are attending bookings?

Spencer

I believe so yes. There is definitely ambiguity here

 Because for example, take a hairdresser. They'll be at the salon all day for their "shift" even if they have no bookings

Wouldn't it just be the business hours that the owner sets?

Jarod

 Okay, so employees are in the store/workplace for all of their availability. However their working times correspond to the bookings that they are booked out for?

Spencer

Honestly maybe we should email. This is quite confusing

 I think working times corresponds with bookings

Jarod

okay neat

That helps a lot

 I was confused af

Spencer

but Russell has a point

 what if working times refers to business times

Jarod

 It could but then we would need 3 timetables

Well add working times and view working times correspond to each other

Jarod

 One for when the employees are available to come in for shifts, one for the shifts the employee is in for and one for the bookings the employee is taking

Spencer

 I think we should assume working times is times an employee is occupied. Homy would have said something about our mockups otherwise right?

Jarod



Yeah I think that's the safest option

I don't think that's correct imo, I think it's just the business hours that the owner can set and then view

I think y'all are thinking about it more complex than it is

Also Spencer I don't think he even bothers to look at the mockups

Jarod

The problem is that we'll need a third timetable for bookings for that employee if the working times doesn't correspond to the bookings

it makes it easier if availability is the times the employee is in the store

but again it just depends on what homy wants



which is unclear

Well the user shouldn't be able to make a booking if a person is not available

Jarod

so are the working times the times where the user is at the store

and the availability is when they're available at the store



available to take bookings

No, it's the time that the store is open

Jarod

oh you might be right

so all the employees are there for the whole duration of the working times

wait



no I think you're right just ignore the last sentence

E.g a hair salon, hair dressers are on at specific times and take bookings. But the business has their own timetable of open hours

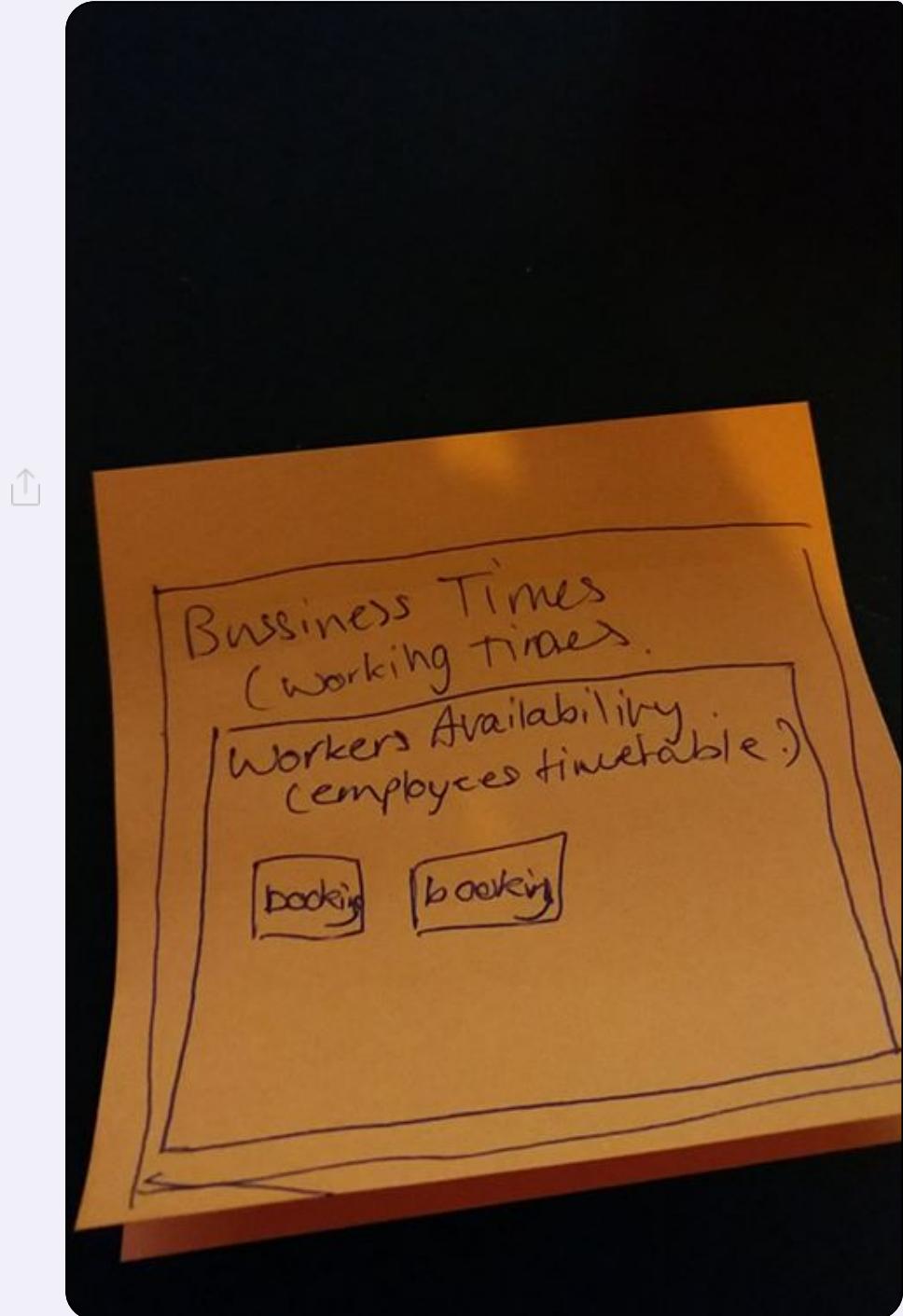
Sorry I was typing it before you responded and wanted to finish the message

Jarod

And availabilities get removed when a booking is made. Availability is when the employee is at the store but they are not currently doing bookings

Wait let me draw it out for you in a diagram

Think of it like sets



Spencer

Wait i think i know how they want it

So availabilities is whenever the employee is available

working times is when the boss rosters them to work

 and then when the customer views the available slots they only see the added working times, and they book within those time frames

Jarod

 Yeah that's how I thought it was

Working times is business times

Spencer

 Are you sure? there's no mention of business times or opening hours or anything

That's what I believe what working times are. Like obvs it makes logical sense to make business times when there is someone there to work. But it's the skeleton outline of what workers can work through the day

Spencer

what if no one can work at a certain business opening hour?



I don't think the model they want covers that case

Well then that a business flaw

Spencer

Okay I looked at the part B spec

The owner is responsible for allotting someone to work that

Spencer

<https://puu.sh/vdLYc/ea658a48f8.png>

Fml my net just went down

Okay, so assume that show working times is a concatenation of all worker availability, then what does add working times do?

Spencer

Show working times just shows the working times did you mean show Booking availability?

No I ment working times

I'm talking about the 2 remaining functions we need to create

Spencer

Add working times is for creating shifts, so you assign employee 1 to do 5pm-9pm

and then a customer can open the system in part b and book a service between 5 -9 with that employee



Yea, so do you get what I'm saying now?

Spencer

Nah, i still don't understand

that's not business hours

So we need add new booking, which btw after looking at part B is much simpler than i thought
"A Customer must be able to create a booking; a Business Owner should be able to create a Booking for a Customer (e.g., if the Customer phones in)"

Add working times, which is you assign a shift to a employee,

And then you need view available times, which is a concatenation of all working times, basically any time period where there is at least 1 employee on shift to do a service for the customer

I'm sorry I can't do any more tonight I have work till 1am, but I'll be doing stuff when I get back

So I'll call yall later, sorry

catch* not call haha



Shit I think your right

Algoods Spencer

This assignment is giving me cancer

Jarod

can't wait for another 2 parts of this kms



SAT 11:34PM

Jarod

I just realized - Doesn't this make an availabilities timetable redundant? We could calculate availability from: (Working times [minus] All bookings with relevant employee)

Jarod

This is the class diagram I made: <https://www.lucidchart.com/documents/edit/c007ea90-63f9-49aa-9684-75b5d3e6a40f>

i cant seem to view it

Anesu

Yeah same. But that's because I can't login. Forgot my password or something

i think it needs to be shared with the person before they can view it

coz i am signed in and cant view it

Jarod

<https://www.lucidchart.com/invitations/accept/f0bfeb55-72de-4244-a3c4-36e98d345c2c>

hopefully that works

Anesu

Yay I can login now. Had to press "with password" option for my computer to auto complete LOL

its looking dope

Anesu

I have a function that converts unixTime to HH:MM and I don't know if I should move it to Period

Jarod

if you want to keep it in the console that's fine.

Anesu

Yeah, cos it's practically useless anywhere else really

Also referring to your comment about availabilities being redundant, it isn't as their availability is all the times they can work where as working times is the times that they are at work

Jarod

you can calculate all their times they can work by minusng bookings from all the times they are at work

It's all the time they are at work doing no bookings

I get what your saying but their availability is not necessarily the times that they are at work

Whereas their working times is the times that they are actually at work working

Do you get what I mean?

 Jarod

Yeah I get ya

I'll work on the view working times tomorrow morning unless your doing some work on it now

Jarod

Sounds good, I'm doing some timetable removal stuff

Sweet

Spencer

"I just realized - Doesn't this make an availabilities timetable redundant? We could calculate availability from: (Working times [minus] All bookings with relevant employee)"

 In reply to this, no because an employee might not be working even if they're available

Jarod

 but they're available if they're working and have no bookings right?

Spencer

oh you mean availabilities for booking

 yeah i said that ages above

Jarod

 yeah so then you don't need an availability timetable

Spencer

only issue being that we have to code the menu so that it ignores times where every employee is booked out

you mean you dont need a booking availability timetable

 you still need an employee availability timetable

Jarod

Nah you don't need an employee availability timetable

 you just find when the employee is working and then remove all periods where the employee has bookings

Spencer

No

because you can be available but not working

well i think so anyway

 like at my job we have an availability book, but like even though I'm free 40 hours a week i get 10 working hours

Jarod

 so working times is a subset of availability?

Spencer

 Yeah I think it should be

Jarod

Eh I think it could be either way



It depends on the context, availability could be a subset of working times

Spencer



well if you're not available to work your boss shouldn't roster you to work

Jarod



It could be when the employee is available to take bookings considering 'View Available Times' for users is finding available booking slots

Spencer



No because homy said that availabilities is weekday based but bookings and working times are date based

Jarod



That pretty much confirms your one

Spencer



Trust me I'm confident on this

Jarod

Well I'm going to push my changes to the timetable

I just filled in the removePeriod() function, should work now



to get available booking slots for the user, you would get working times and minus the bookings for that employee right?

Spencer



Yeah

Jarod



That would mean you would need to add an employeeID to bookings

Spencer



Yeah



:c

Jarod



pushed my changes

Spencer



I might be lazy and have another table that is foreign key'd to it so i don't have to redo the schema

Anesu



Anything I need to do tomorrow morning? (aka today lol)

Spencer



Umm

So all the console viewing shit is done?



if it is, then just junit anesu

Anesu



 Jarod

just pushed adding employeeld to booking

8:21AM

Hey Jarod think of working times as shifts that someone is assigned to work for a particular period based off their availability

12:04PM

Jarod

Yup I think I get it now

Availabilities is times they can work

Working times are shifts they are assigned to work within the available times

Yea

 Anesu

Sounds like sleep helped. Maybe you dreamed about it 😊

I think we need to make a working times table

 Anesu

Yeah I was about to ask about that

But tbh not sure how to do it, I looked over Spencer's code for the database and somewhat understood it. So I was thinking the variables for each row would be employee id, start and end times

But then I'm not sure if I should make another key for the primary key and if employee id should be a foreign key

Anesu

 Wait, I am slightly confused right now, so, available times should look similar to that view of "show all worker availability"? Like a weekly view?

From what I believe yes

Anesu

 Well, this is about to render my table function useless at this point LOL (Cos I couldn't get it to work with this new weekly view yesterday). So the only function to use it will be bookings 😊

Nah it's used for view new bookings and view summary of bookings

Anesu

 Good point

Anesu

We really need to re-word and be more specific in our menu options. Like "View Employee Available Times" etc.

I guess I can quickly fix that up while I am at it

Jarod

Well view available times was never meant to be for the owner, it's meant to be for the customer so view available times is the correct name



However it currently outputs the wrong table but that is a backend issue, not a console one



Anesu

Ohh, I see. Makes sense

Hey Anesu I'm making the view current bookings and it's breaking at the convold print table function, I'm reusing the code for view summary of bookings, which it's working for but won't work for the new function

Anesu

Kinda is a console one as well, apparently it should be a weekly view

@Russell do whatever works



Before I continue, I am about to available times a weekly view. We all agree to that?

```
-----  
Appointment Booking System  
-----  
Please enter the identification number of your choice from the options below:  
1. View Current Bookings  
2. View Available Times  
3. View Summary of Bookings  
4. Add working time/date  
5. View working time/dates  
6. Show all worker availability  
7. Add an Employee  
8. Edit Employee Availabilities  
9. Log out  
Enter your option: 1  
1491757200 | 1491760800 | Bob | 0 | test  
1491764400 | 1491768000 | Bill | 1 | test  
  
-----  
Bookings  
-----  
  
Exception in thread "main" java.lang.ArrayIndexOutOfBoundsException: 3  
at view.console.Console.printTable(Console.java:308)  
at view.console.Console.viewBookings(Console.java:389)  
at controller.Controller.viewCurrentBookings(Controller.java:237)  
at controller.Controller.run(Controller.java:90)  
at main.Main.main(Main.java:47)
```

that's the output from if you select the first option

Anesu

I think I know what that could be



Try removing this:

its weird coz its working perfectly for view summary of bookings

and I literally copied and pasted the code

Anesu

```
    * /  
    public void printTable(String[][] contents, String[] headerTitles, String  
        int[] longestElements = new int[contents.length+1]; //Storage to det  
        for (int i = 0; i < contents.length; i++)
```

Remove the plus 1 in the print table and try using that

If that doesn't work, push the changes, and I'll have a look

It didn't work with something and I had to add that plus one for some reason. Seems logical to be the cause of the issue now

I think I got it

It's because there are no bookings in the future

So it has nothing to display

Anesu

It should display an error though and not even bother going further. Unless that code was the old one before I implemented it or something.

By "error" I mean a system.print telling you that

I get you, I updated my files this morning before I started making changes

Anesu

Yeah, will look into it. Strange. lol

Hrmmm I just noticed it prints out 2 bookings in the past like not in the formatted table

Anesu

What function is this from gain?

again*?

Print table

Or are you talking about the controller function

Anesu

Nah, I was assuming I might have left some debug code in there resulting in the problem you mentioned above. So that would only be in the console

Oh okay cool

Anesu

Nah, it's not in the console from my check, including functions the Pinttable calls. So no idea what's going on there

Hrmmm interesting

Anesu

Does it do for both functions that use it?

No only view current bookings

It works perfectly for the other function

Anesu

Ohhhh I mis-read your problem

So you are saying it prints ut 2 bookings in the past. Whereas all of them should be in the future within 7 days

out*

Umm not really

```
Appointment Booking System
-----
Please enter the identification number of your choice:
1. View Current Bookings
2. View Available Times
3. View Summary of Bookings
4. Add working time/date
5. View working time/dates
6. Show all worker availability
7. Add an Employee
8. Edit Employee Availabilities
9. Log out
Enter your option: 1
1491757200 | 1491760800 | Bob | 0 | test
1491764400 | 1491768000 | Bill | 1 | test
-----
Bookings
-----
Exception in thread "main" java.lang.ArrayIndexOutOfBoundsException
at view.console.Console.printTable(Console.java:47)
at view.console.Console.viewBookings(Console.java:47)
at controller.Controller.viewCurrentBookings(Controller.java:47)
at controller.Controller.run(Controller.java:47)
at main.Main.main(Main.java:47)
```

It prints this out before it tries to print the table

Then it doesn't even try printing the table

Anesu

Yeo I can 100% confirm that's not coming from the console function. The error on the other hand is

Yep*

Oh I thought that was from the console as well haha

Anesu

I am looking into the error though

Thanks

Spencer

are we getting any oddities from the Bookings table refactor?



as in the bookings table database

What do you mean by that?

Spencer

jarod edited the sql bookings table to include employee id

Is that the last variable which is test as a test?

Spencer

Nah test is a service

I should have written as ServiceTest to clarify, my bad

the booking constructor takes an ArrayList of services as an arg



I did that so Part B would be easier

Jarod

Option 1 shouldn't even work though? Shouldn't it be for the customer viewing the bookings they have made?

Spencer

Part B should be easy for us mostly, we have all the frameworks in place, the hardest part will be gui

Is it so that a booking can have multiple services?

Also isn't current bookings for all future bookings in terms of the owner viewing them

Spencer

Yeah cos in class the finished product example had multiple services and they affected the size of the booking timewise and pricewise

Cool cool

Spencer

uh what does the functional requirements say

Anesu

Ok problem fixed. That's because I am not getting enough data, like apparently 1 row of information is missing or something. But I made it adaptable to this issue

1 column*

"look at the summaries of bookings, new bookings

Anesu

So like I am supposed to receive 4 columns, but I get 3. Hence the out of bounds thing

Spencer

For booking anesu? That might be cos jarod edited it today

Anesu

Relative to the header titles

 Anyway, my code now adapts to all of that, pushing now. He can fix it and it should work just as fine

Spencer

 We need to write documentation as in a howto i think

Perfect, works fine now, one more thing it doesn't display the services and the services column and customer name column are reversed

Yea 😐

Anesu

 Yeah, thats the missing data from what I can see

If you look at the print out before it prints the table the rows have a Boolean value for something before the services

That might be the issue

Anesu

 We really need to track down where thats coming from. Seems to be where the problem is LOL

Yea haha, i know its just outputting what it's passing to the console class but I can't seam to find whats causing the printout

Spencer

I couldn't find it either

 probs wait for jarod he must have coded it

Yea

Spencer we were discussing adding a table for working times

Spencer

 yeah if its easy then might be a good idea even if it isn't a requirement

Yea

Anesu

 On another topic, everyone is on board for making available times a weekly view?

Spencer

 yeah

Then it'll make adding new shifts easier and even printing them all out, we got 2 functions left to build and then we are done for them

Yea

Anesu



Jarod

What's the point of having view all bookings for owner when we already have view booking summaries for owner

View all bookings is meant to be a user function



or view current bookings or whatever

Spencer

Yeah true



check the specs i guess

Jarod

Well it's in the specs, it's a customer function I'm pretty sure

Okay well I think for the submission we leave it alone? Coz I'll need to use a variation of the function for the GUI we don't need to show he user any on the bookings ATM

Jarod

well if it doesn't fit the functional requirements we're going to be docked marks

Spencer

yeah

The difference between the functions is that one only shows future bookings the other shows all bookings

Spencer

Ahh okay that makes sense to me



I think we need to have both for Part A

Yea

Jarod

either way we need the customer to view all bookings relevant to itself

Not at this stage

Jarod

Well yeah it's in the functional requirements

Spencer

Yeah that's Part B jarod

Maybe in the next part, right now they just need to see availability

Spencer

yeah that's what it says

Jarod

yeah soz reread it

So, we need to work on these 2 functions, whats everyone working on currently

```
Appointment Booking System
-----
Please enter the identification number of your choice:
1. View Current Bookings
2. View Available Times
3. View Summary of Bookings
4. Add working time/date
5. View working time/dates
6. Show all worker availability
7. Add an Employee
8. Edit Employee Availabilities
9. Log out
Enter your option: 1
1491757200 | 1491760800 | Bob | 0 | test
1491764400 | 1491768000 | Bill | 1 | test
-----
Bookings
-----
Exception in thread "main" java.lang.ArrayIndexOutOfBoundsException
at view.console.Console.printTable(Console.java:47)
at view.console.Console.viewBookings(Console.java:47)
at controller.Controller.viewCurrentBookings(Controller.java:47)
at controller.Controller.run(Controller.java:47)
at main.Main.main(Main.java:47)
```

Jarod do you know where these are printing from?

Jarod

I tried to reproduce that but I couldn't



I deleted my db and selected the first option but I get nothing

Like nothing at all prints out?

Jarod

nope

Anesu

Are you up to date? Or have you synced your changes?

Jarod

yeah I synced

 Anesu

Well, that's interesting

What's your clock time on your pc

 Jarod

have you guys deleted your dbs?

No

 Jarod

It might not be the issue but I did change the schema

I've left it alone and it's not locking up or anything

 Jarod

yeah but I changed the structure of it

So we do need to delete our database files?

 Jarod

Give it a try, it won't do any harm

Okay

I deleted it and it's outputting it the same

 Jarod

I'll mess around try and get the same thing that's showing up on your end

```
-----  
Appointment Booking System  
-----  
Please enter the identification number of your choice from the options below:  
1. View Current Bookings  
2. View Available Times  
3. View Summary of Bookings  
4. Add working time/date  
5. View working time/dates  
6. Show all worker availability  
7. Add an Employee  
8. Edit Employee Availabilities  
9. Log out  
Enter your option: 1  
|491757200 | 1491760800 | Bob | 0 | test  
1491764400 | 1491768000 | Bill | 1 | test
```

```
-----  
Bookings  
-----
```

Start Period	End Period	Services	Customer Name
3:00 AM 10:4:17	4:00 AM 10:4:17	Bob	
5:00 AM 10:4:17	6:00 AM 10:4:17	Bill	

```
Press any key to go back to Menu...
```

that's what is showing up btw

 Jarod



Weird, I'm not even getting the bookings on my end

what does view summary of bookings do?

Jarod

That's meant to view all bookings after current time

i mean what does it output for you

Jarod

Oh yeah it's showing up on my view summary of bookings

I'll try work it out

Oh shit I know what it is I accidentally left it in

what in?

Jarod

utility

I fixed it

should work now

I pushed it

Anesu

Ok, also sync cos the weekly view is now working. I am working on merging them into one function. Also hope no one changed the console class recently cos I got an overlapping changes warning

At this point that warning means nothing, but just incase LOL

Jarod

Okay so here are the current functional requirements we still need completed:

- CUSTOMER: view available days/time
- OWNER: new booking
- OWNER: add working time/dates for the next month

Who is working on what? I think spence is working on add working time/dates. I can work on view available days/time. Add new booking needs to have console stuff and requires employeeId, customer username and period start/end for now.

Jarod

Would you be able to do a quick mockup for add new booking anesu and then code the console for add new booking?

I was working on the view working times/dates

I can do the controller function for add new booking

Jarod

Sounds good

Anesu

@Jarod Wright Yep can do

Jarod

I'll do the user story for it



Spencer

Any spare work for me to do?

hey jarod can you repush your utility push coz im not getting it

add working times/dates spencer



Spencer

okay

if it makes it easier i made a class called shift which is just a period with an employee id attached to it

attached*

Spencer

That's a good idea 😊

Wanna aim for all functionality to be done by 4pm? You guys think we can do that?



Then we can focus on all the extra submission shit

i can work with that

Spencer

and testing

just tell me once you've made the table and appropriate functions in the sql class so i can finish a method for view working dates/times

Anesu

Sync to have the latest console class incase you wanna change something in it. Nothing new from functional standpoint, but a new function etc to handle weekly views

When you add a new booking, are we going to show the available times and they make a choice based on that?



Or just straight up input of start time

Spencer

you are meant to have available times, they pick a time and they are presented with staff members who are present

Anesu

Ok, so they don't have a choice on the duration of the booking? I.e end time

Spencer

No because that's determined by what services they pick

but this doesn't matter yet anesu



it's part B

Anesu



Anesu

Like this?:

Add a new booking

Please select the Day and Time you want to make a booking on

1. Tuesday 11:30 - 12:30
2. Tuesday 13:30 - 15:30
3. Wednesday 10:30 - 11:30

Enter the ID of your booking from the list above:



Imo I still don't think we need to implement this till next part but I think they should be about to input a day and a date and it should be able to check what day and who's available to do it

But that's a lot of coding

Spencer

Need dates in that mockup

Anesu

Ok so specific dates and time. Got it. Makes it easier for me as well lol

Anesu

Add a new booking

Please select the Day and Time you want to make a booking on

ID	Start Period	End Period
1	2:00 AM 8:4:17	3:00 AM 8:4:17
2	3:00 AM 9:4:17	4:00 AM 9:4:17
3	3:00 AM 10:4:17	4:00 AM 10:4:17
4	5:00 AM 10:4:17	6:00 AM 10:4:17

Enter the ID of your booking from the list above:

?

Spencer

I really gotta fix my date format, looks gross

Maybe use / instead of :

Spencer

yeah I'll fix that up soon

but yeah that's good anesu

Anesu

Ok, so we are fine with that mockup but add ? instead of :

Spencer

what's the ID though?

Anesu

I am trying to figure out a way to tell whoever is using it to put in the corresponding number for the timeslot

So not sure if that's the way to go about it

Jarod

replace ID with # maybe?

Anesu

Yeah probs will do

Spencer

Oh i see

yeah

Anesu

But what do I then say to this sentence. Like:

Enter the # of your booking from the list above:

Jarod

what the fuck my git keeps merging unrelated files when I'm only modifying the
SQLiteConnection

Spencer

Yeah I think you made a merge that says i did it

Jarod

revert to my 'Untested adding shifts to schema'

?

Spencer

idk how lol

Anesu

Btw this doesn't look any better with the "/" 😊

Add a new booking

Please select the Day and Time you want to make a booking on

#	Start Period	End Period
1	2:00 AM 8/4/17	3:00 AM 8/4/17
2	3:00 AM 9/4/17	4:00 AM 9/4/17
3	3:00 AM 10/4/17	4:00 AM 10/4/17
4	5:00 AM 10/4/17	6:00 AM 10/4/17

Enter the # of your booking from the list above:

Spencer

I think it looks better

Same

 Anesu

Ok that's good enough for me LOL

 Spencer

jesus i can't fix this shit jarod

 Jarod

<https://puu.sh/vebXL/e1c06de470.png>

Is this new or old?

 I'm gonna revert it Spencer

it's new

 i just did it Jarod

why did you revert untested adding shifts to schema that wasn't part of the merge

 Spencer

idk

 Anesu

```
* Views screen where user can enter new booking information
* @return [0] customerUsername, [1] startDate, [2] endDate
*/
public String[] addNewBooking() {

    String[] bookingDetails = new String[3]; //We will use this to store the input of the booking

    System.out.println("\nPlease enter the customer booking details below");

    System.out.println("\nCustomer username: ");
    bookingDetails[0] = scanner.nextLine(); //Get user input for the customer's username

    System.out.println("Booking start time and date: ");
    bookingDetails[1] = scanner.nextLine(); //Get user input for the booking start period

    System.out.println("Booking end time and date: ");
    bookingDetails[2] = scanner.nextLine(); //Get user input for the booking end period

    return bookingDetails;
}
```

 I am gonna replace this cos it was wrong Jarod

I reverted the revert

 Anesu

^LOL

 Jarod

I know this one isn't your fault anesu but would you be able to check out what's wrong with console? When a whole load of shit was reverted the real problem wasn't actually reverted and the console still has errors in it.

 I don't know enough about the console to remove stuff from it Anesu

Wait, so if I sync now there is like changes in the console?

 Jarod



probably, I don't know when you last synced

Anesu

Its a separate question related to my current changes



Ok let me check

Jarod

How about make sure you back up your current changes so that when you sync you can override most stuff in the console

Anesu



Jarod

since I doubt many people changed anything in the console

I only added one function in the console class which is 5 lines long

Jarod

Would you be able to send it to anesu? He might have to overwrite the file because of the merge issues

Sure

is the database stuff done for the working times?

Jarod

It should be but I can't guarantee it's error free. The functions are all there though



Currently can't log in with OwnerTest 1234

Strange I'm having the same issue

Jarod

fuck this shiiiiiiiiii

Anesu

I was sending into Russel's account lol

Woah guys look at the github right now, is that correct?



Go into src

its got 4 folders?

Jarod

im not getting the change if you pushed it

Anesu

I haven't pushed anything. I am trying to resolve some new errors I have gotten from smart git LOL



But our git is fine right now? Cos it doesn't even have the controller

Jarod

it's how the packages are done

don't worry about what is inside the folders



eclipse handles all that

Anesu

Ohh ok.

I see Cos I am looking for the console.java to replace in mine because smart git doesn't like whats going on here lol



found it

Jarod

how about just rebase, keep your changes in a seperate text file and then overwrite everything in the console

Hey jarod i need a method to get the start time, end time, employee id and employee name from the working times table, how do i do this?

Jarod

why do you need the employee name? shouldn't that be stored in the employee table?

There is a method to get all the employee'



s shifts from employeedId and the minimum start time

true, its more to make the output more user friendly

is that the getShifts function?

Jarod

yeah

ohh cool

Anesu

Ok, it keeps giving me a merge-recursive failed error, even though I discarded my changes. Let me restart it



Jarod

usually minimum start time is just the current date/time

Anesu

Ok screw it. Restarting LOL

if i run the getAll employees does it save it into an array?

Anesu

I mean deleting the whole local thing

Jarod

there is a function from the utility class that gets a list of employees with their names/IDs



String[][] format

is that in the utility class or the SQL class

Jarod

utility

cool thanks

Anesu

```

395     * Prints availability timetable to screen
396     * @param availability [period][0 - start, 1 - end]
397     */
398     public void viewBookingAvailability(String[][] availability
399
400     <<<<< HEAD
401     //String[] headerTitles = {"Start Period", "End Period"}
402     |
403     //printTable(availability, headerTitles, "Bookings", false)
404
405     int[] DayPeriodCounts = new int[Weekdays.length]; //User

```



LOL



Jarod

yeah that was what I was hoping you would be able to overwrite lol

Anesu

Ok, replacing the whole thing

I was supposed to go somewhere by 4, but that's a bad idea at this point haha



Pushed. But does Owner have different username and password now?

Jarod

idk, we need to get that resolved quick otherwise we need to debug

I mean



otherwise we can't debug

Anesu

Well crap

Spencer

It shouldn't



What happened while I was gone

Anesu

Everything went to S***



Not sure if that happened while you were gone but yeah LOL

Spencer

Right so did anyone open the db in SQLite browser to check the owner name and pass?

Jarod

Well I deleted the DB and tried again which should have been fresh

It is the same in the database

Theres a warning: "WARNING: Values not bound to statement"

Spencer

uh oh



Probssly from db chnges



Jarod
sounds like it



Spencer
did you edit the add function jaod



Jarod
addShift?



Spencer
yea



puush it to me



Jarod
should already be pushed



Spencer
no i mean puush



Jarod
<https://puu.sh/vefgi/176e673ad2.png>

```
public static boolean addShift(int employeeId, String businessname, String start, String end) {
    Connection c = getDBConnection();
    try {
        PreparedStatement ps = c.prepareStatement("INSERT INTO EmployeeWorkingTimes VALUES (?, ?, ?, ?);"); // this creates a new user
        ps.setString(1, businessname);
        ps.setInt(2, employeeId);
        ps.setString(3, start);
        ps.setString(4, end);
        ps.executeUpdate();
        ps.close();
        return true;
    } catch (SQLException e) {
        LOGGER.warning(e.getMessage());
        return false;
    }
}
```



Spencer
show me createBooking



and createUser



Jarod
if it's anywhere it will probably be in the working times table since that is the most recent schema change



Spencer
alright I can take a proper look now



Alright the DB is correct

so the login problem must be either the login code or the fetch DB code

Well the login code hasn't been touched so...



Anesu
@Russell Menezes my console had random crap in it, so just make sure



Spencer
Oh I think it might be that the database is locked
the logger doesn't show that error
I'll try reopening eclipse and see if that fixes

Lemme double check in 10 mins

Anesu

Nah, Eclipse shows that error if I recall



Not the debugger though

Jarod



I think it's the fetch code because searchUser() is returning null in the login

Spencer

Apr 09, 2017 4:03:12 PM main.Main main

WARNING: test

Apr 09, 2017 4:03:13 PM model.database.SQLiteConnection createEmployeeWorkingTimesTable

WARNING: [SQLITE_ERROR] SQL error or missing database (near ")": syntax error)

Apr 09, 2017 4:03:13 PM model.database.SQLiteConnection createOwner

WARNING: Values not bound to statement

Apr 09, 2017 4:03:15 PM controller.Controller run

FINE: MENU OPTION CHOSEN: LOGIN

Apr 09, 2017 4:03:18 PM controller.Controller login

FINE: LOGIN: Login details: [Ownertest, 1234]

Apr 09, 2017 4:03:18 PM model.utility.Utility searchUser

WARNING: Values not bound to statement

Apr 09, 2017 4:03:18 PM controller.Controller login

FINE: LOGIN: Failed



Spencer

syntax error in db



fkn jarod 😭



Jarod

argh fuck



Anesu

ROFL

Spencer

I'll fix rn and push



gimme a sec



Jarod



Anesu

Let us know when you push



Spencer

Done I think

Anesu

Commits on Apr 9, 2017



Merge branch 'master' of https://github.com/Jarodwr/SE-Process-and-Tools

...

Jarodwr committed 25 minutes ago



Added user available times function



Last was 25 mins ago....

Jarod

it was before that



that commit was diff

Spencer

<https://puu.sh/vefML/2a3284026d.png>

Anesu

Well, I synced, and it still aint logging in. Let me delete the db

Spencer

I deleted the db in that commit



Must be another issue somewhere i guess

Anesu

But can you log-in from your end now?

Spencer

Nope

Values not bound to statement

what does that mean



Alright when was the last commit where we could log in?

I think it was my last merge

Anesu

Somewhere around this area:

The screenshot shows a list of GitHub commits from the user 'Spurge' over the past two hours. The commits are as follows:

- Revert "Revert "unfinished AddWorkingTimes"" - 755c615
- Revert "unfinished AddWorkingTimes" - 4b334e7
- Revert "Untested adding shifts to schema" - 9dd2ea5
- unfinished AddWorkingTimes - beacecb
- Merge branch 'master' of https://github.com/Jarodwr/SE-Process-and-Tools - 10ccf64

Spencer

Lol I found another missing bracket jarod, but it wouldn't have caused this issue i don't think

I found the problem



getUserRow() has been edited by someone

By me?

I don't think I did

Jarod

maybe I changed it by accident when I was copying/pasting shit?

Spencer

I don't know but I've fixe it

It looks like an accident



Just rebooting eclipse and wiping db to see if i can log in now

I'm going to be gone for about 2 hours and I'll be back then to do some more work. I can't for the life of me get all the shifts from the database mainly because I don't know how SQL queries work, can someone please make me a function that gets all shifts from anyone and just put it into a 2d array because I've been racking my brain trying to do this for the last hour and am about to smash my head against my laptop

Jarod



yeah I'll do it

Thank you so much Jarod

Spencer

Still having issues with logging in, but the SQL issue is fixed, I'll push the changes so we can all try find the issue

How do you close processes arod



jarod

Right click on the console and click terminate all processes I think

Think*

Spencer

yeah that's it thnaks



Russell did you look into dling our messenger chat?

Jarod



In createOwner() isn't there meant to be 6 parameters? One of them being businessname?

Spencer

What I think is maybe we should just truncate our messages and fake it



yeah Jarod I believe so

Jarod

Because in the SQLiteConnection there is only 5



might be what is causing the values problem

Spencer

No i found the values problem already

I have not any further, will look into it tonight, I think there's a chrome extension for it

Spencer

No jarod createOwner has 6 parameters because it does 2 things simultaneously, the Owner table has 2 columns, the User table has 5

I fixed the login issue btw guys thank me la8r



sync to get the fix

Jarod

legiiiiiiiiit



what was the issue'

Spencer

3 issues simultaneously

one was that searchUser was only catching SQLExceptions

then getUserRow had a missing line



and then the 2 missing brackets in SQLiteConnection

Jarod

added getShift(employeeId) to utility

returns a timetable



from that you can use .toStringArray() to get the 2d array you want russel

Spencer

also i found out the fucking reason the database keeps getting locked

we keep forgetting to close resultsets



i'll ctrlf through and find every unclosed result set

Anesu

I was like gonme for a few minutes. AWESOME.



!

Spencer

jarod you should overload getShift to take times as parameters



Jarod

yup

Spencer

find shifts between two times

Okay I'll fix resultsets now



this will require me to edit all classes just a warning

Anesu

I am currently working in the console function. Just informing to avoid further conflicts

Spencer

<https://puu.sh/vehdy/a59e74b241.png>



what's this error

Jarod

It's not mine

I think it's because there is no placeholder for it in utility

It's for russel coding the working times thing, if you leave it alone it doesn't effect the program
(Russel will complete it when he gets back)



I just pushed a change to SQLiteConnection and Utility

Spencer

I'll add a placeholder for it so I can compile at least

 Jarod

<https://puu.sh/veht3/39ca5d4eb6.png>

when I press enter after viewing employee availability it goes to add new booking

 Spencer

Menu is out of order

 pprobally Jarod

yup

 Spencer

Alright did a major sync that changes a lot of functions in controller and utility

should hopefully prevent db lock

Sync conflicts in utility

okay merge success

 hopefully no more lockups Anesu

Ohh dont worry LOL, I pushed that when I was debugging things

Back when everything was broken

I will push the final thing soon, but It will break the code because I now need an availability table as an argument to add bookings

 So you guys will need to add that fro the controller. Spencer

okay anesu

all good

the availabilities table has something wrong with it

it displays them as working on a sunday but the times I placed in are for a Tuesday

available* not working

 don't worry about it for now Anesu I'll figure out what the problem is and get back to you Anesu

Yeah, I was wondering why it's on Sunday. I just thought it was Sunday, but let me finish this part first lol

 Spencer

Nah I just said dw about it. I'll work on it

 Anesu Spencer

<https://www.facebook.com/chatsaver/> here ya go russell apparently this one works



Messages Saver

Keep Your Memories Safe! Download Your Facebook



inb4 malware

Anesu

hahaha



Good luck going through all the messages and removing irrelevant crap LOL



Jarod

he probably won't look at it anyway, there isn't much damning stuff in the chat

Spencer

I'll ctrlh swear words but that's probably it

and any mention of doing wrong shit



like that message saying wrong shit, and this message also saying wrong shit

Jarod



Spencer

I think I know the issue anesu



I don't think you need to divide by 1000 in the weekly view, ill try it and see

Jarod



unixtimes are in milliseconds right?

Anesu



Yeah and I needed it to be in seconds cos of Spencer's function I think

Spencer

Okay the reason isn't anesu's code I don't think

It's the controller

viewAvailableTimes



it's getting available booking times but this funciton doesn't get that, it gets employee availabilities

Jarod

The function below that is the one you should use

I'm fixing it rn



pushed, tell me if it outputs properly

Anesu

Anyway, I am about to push the Console. It will break the controller because I now need the availableTimes as stated before. Also I will only return an array with start and end period times, no customerName for obvious reasons like it used to

Jarod

no getAvailableTimes shows the available times, getAvailableBookingTimes shows working times - bookings times



the no at the start of that sentence was an accident

Anesu



Who is that referred to? Spencer or me?

Jarod

That's to you but I realized I should just implement it myself since it's in controller
don't worry about it



I'll fix it

Anesu

pushed

Although one problem with my code is that once you are in the make a booking menu, you have to make a booking LOL. The reason is, I have to return something at the end. Unless you guys implement that if I return an empty string array, go back to menu, then I will put that in



implement*

Spencer

I'm gonna take a break for about 30 minutes



I'll be on fb if anyone runs into issues

Jarod

I'm going to take a break in 30 for dinner

Spencer

I found an app to save our messages



how close are we to finishing jarod?

Jarod

getting there

Uh

lemme check

We're a significant portion of the way there

Adding working times/dates still needs to be done right?

the customer thing I will be able to handle so don't worry about that

Also add bookings

After all those are done we'll be completely done and just need to JUnit test



We'll also need to blast the shit out of it to make sure inputs are working

Spencer

Yeah the big issues are adding availabilities and that cos they're not well error tested



I tried to make them fairly safe and back out gracefully

Jarod

Also would Add Booking be able to be added to the owner menu?

Spencer

Yeah but that's a permission change
Probably need isOwner back tho lol



To give it different usage

Jarod

It would probably be a whole separate function

with a new permission

Well the default add new booking would stay the same so we don't need to change it in part A

We just would block it out for the user in part A

 add a separate permission for customer booking

Spencer

Nah that's more code though

 Using isOwner would save heaps of lines

Jarod

 but it defeats the purpose of inheritance and permissions

Spencer

That is a permission

 It's inherited

Jarod

 that's fucking dumb, just make it a separate permission it doesn't need to use an extra isOwner variable

Jarod

 im gonna go eat, catch you guys in half an hour

Aight I'm on my way home, will be there in 15

What'd I miss

Anesu

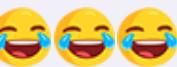
All of our code is gone

 Just kidding

Whelp

Time to give up on life then

Anesu



Hey Anesu, out of curiosity any chance you can implement a hidden input when the user inputs the password?

Not important at all coz we are going to move to a gui

Anesu

 Yep let me see if I can

Coz apparently homy is checking for it

Spencer

 You mean like stars instead of symbols?

Anesu

Oh by the way, can you quickly fix the console part responsible for calling the create a new booking? It needs to give available times as an argument and it should be able to get the returned 2 length array of start and end time periods of the boooking

Spencer

Probably a scanner method for it

Anesu

Yeah, googling LOL

Also about my request above, I am avoiding changing things in controller because I haven't done anything in it, so I could overlook something

Whoops lol

Either stars or nothing even but I'd assume it would be done the same way

Anesu

We have to use console instead of scanner. I assume he runs it from the terminal anyway right?

Jarod

im back

I think so

Anesu

```
//prompt, get user input and store user input for each variable
System.out.print("Enter your username: ");
username = scanner.nextLine();

System.out.print("Enter your password: ");
//password = scanner.nextLine();
char[] passString = console.readPassword();
password = new String(passString );

//return the inputed username and password to the controller class for validation
return new String[] {username, password};
```



We will just use this once we get it into a java form

For now if we use it we get a NullPointerException which is apparently expected in IDE

Cool

Spencer

That's a pain 😞 maybe add a JVM check and run one or the other

Anesu

Right now its just commented out in the latest commit. Not sure how to do a JVM check

I was doing some big checking and edit employee availability is not specific enough on the format that it wants the user input as

Thats the same for add working date/time

Also when I tried to add availability it removed their previous availability and it didn't update to what I wrote in

 Jarod

We don't need to edit availability yet right? Can we just leave it to part B? I thought we only needed to edit working times?

Well then we should disable the menu option

 Jarod

Yeah sounds like a good idea

 Jarod

This is the idea of the menu options I have in my head: <https://puu.sh/vemeD/d2a20d7bd8.png>

minus the number skip from 1 to 3

Looks good but might as well keep the view available times in the owner

Coz there's no disadvantage to keeping it there as well

 Spencer

Oh I made the add availability

 it's supposed to remove previous availabilities and instate new ones Jarod

well view available times is meant for the customer to view available booking times

it isn't meant to be an owner option in the first place

oh that's what you meant

yeah can keep it in there

 still needs to be changed and shifts need to be added to test it out. How far along is add working times? Spencer

didn't you finish it?

 Jarod

I finished it but I wasn't sure what you guys had planned for it so I kept it linked to the old function

 Spencer

oh

 what do you mean the old function Jarod

the one that just gets the availabilities of all the employees, not the available booking times

 Spencer

you said Add Working Times, not View Working Times

 which one do you mean

I'm in the middle of view working times

 Jarod

I wasn't working on add working times, I thought someone else was working on that.

I thought Spencer was on that

Spencer

I was but I went to dinner and asked if you could finish it once you did getShift
and addShift()

are addShift and getShift done?

Jarod

I added the parameters but I'm not sure if it's fully done test it out

Can I change get shifts in the SQL class

Jarod

in add working time/date shouldn't the employeed be a parameter in the console?

what needs to be changed in getShifts?

The argument of the Unix time stamp bring a string

Actually wait lemme see if I can work it out

Also is someone isn't doing anything can they do the add booking controller function coz I'm tied up with this

Spencer

why do we need that, isn't that part B or

Jarod

You need add booking for part A for the owner

That what I believe aswell Spencer

Jarod

Yeah I'll take a look at it

Jarod

It says it in the functional requirements however we can work on everything else before working on that

Minus add bookings we're very, very close to being done

Spencer

someone needs to start writing HowTos

I was thinking we could just have a format
Functional Requirement
Steps to do functional requirement

for all the requirements

and that's valid doco

Jarod

Well half of us will have to be testing inputs/trying to break the program/JUnit tests and then the other half will have to be doing the paper work

I'm fine with doing either but I can get through paperwork pretty quickly

Spencer

addworkingtimes works now

I think

I pushed and synced

should probably delete db btw guys

for this change

Anesu

Sorry guys a bit of silence cos I am studying for an online quiz which I need to do before 11:59 as usual. But can do stuff, just let me know what I need to do and I will see it in the notifications

Spencer

Oh yeah I have a test like that as well. Jarod? AA

Jarod

done it

Spencer

how was it?

Jarod

same as every week, do it once and do shit. Use the answers to ace the second time.

```
public Timetable getShift(String employeeId) {
    Timetable t = new Timetable();
    try {
        ResultSet shifts = SQLiteConnection.getShifts(Integer.parseInt(employeeId), Long.toString(System.currentTimeMillis()/1000));
        do {
            t.addPeriod(new Period(shifts.getString("unixstarttime"), shifts.getString("unixendtime"), false));
        } while (shifts.next());
    } catch (SQLException e) {
        LOGGER.warning(e.getMessage());
    }
    return t;
}
```

whats the last argument in the period constructor

also shouldn't it be creating shifts not periods

Jarod

Shifts for all purposes are periods in a timetable, it's a way to keep them organized

Makes it easier to calculate available booking times

as periods are the parent of shifts wouldnt it inherit the methods?

Jarod

you can change it to shifts if you want but it doesn't really make a difference

Spencer

Yeah Jarod russell made shift a sub of period

Because shifts have employees as an attribute

and periods dont

Jarod

Doesn't really matter because you're only fetching shifts for that employee

Change it if you want but there are better things to focus on

it does because it save me going through the loop a second time to add the employee id to it, but i still dont understand what the last argument of the constructor is for

the boolean value

Jarod

Why would you need to add the employeeld

to print it all out

when you are printing out the working times it prints the shift and the employee id of whose shift it is

Spencer

In the GUI we will be able to display multiple employees at the same time

so having an employeeld attribute will help for the future

Jarod

I think it's redundant but do whatever you want

Spencer

right now maybe

ignore the entire thing, what is the Boolean value for in the constructor

Spencer

set it to false

it's whether or not the time string is unix

false is unix

ohh okay

Spencer

true is yyyyymmddhhmmss

or whatever that is

thanks, thats the main thing i wanted to know

Spencer

I have been getting a lot less db locks

so i think rs.close() is what fixed it

i think i have it working, is there any test shifts in the database?

Spencer

You can add shifts with add working times

the date format is strict, its DD/MM/YYYY

and the time?

Spencer

HH:MM

or H:MM



both work

cool

Enter your option: 4

Please enter The period of the employee's working times

Start time for the working period in the form <Date> <Time>:

12/04/2017 09:00

End time for the working period in the form <Time>:

18:00

```
Exception in thread "main" java.lang.NumberFormatException: For input string: "12/04/2017 09:00"
  at java.lang.NumberFormatException.forInputString(Unknown Source)
  at java.lang.Integer.parseInt(Unknown Source)
  at java.lang.Integer.parseInt(Unknown Source)
  at controller.Controller.addWorkingTimes(Controller.java:310)
  at controller.Controller.run(Controller.java:108)
  at main.Main.main(Main.java:47)
```



did i enter it wrong?

Spencer



have you synced

yea

when was the last commit?

Spencer



I had that before but I thought I fixed it

Jarod



I recently committed and mine looks different

yea my git is stuffing up then

lemme reset it

Spencer



wtf why is there a new branch

whos branch?

Spencer



yours apparently?

whelp shit

Spencer



<https://puu.sh/veoqz/cd08de07fe.png>

i just pushed my stuff, it must have created a new branch

but on mine it says that mine is the master branch

Jarod

you've merged into the master branch



overwrote some changes but I'll manually add them back in

wtf

Anesu

I like how many significant issues we've had today with git

ikr fk git

Anesu

Compared to the other weeks combined

jarod just revert all my commits

Jarod

dw about it I've merged the changes

it wasn't big

oh cool

Jarod

it was like 7 or 8 lines

thanks

Spencer

hold up i still can't sync mine

Jarod

I've pushed

i got your push but am missing like 4-5 pushes from Anesu's last push till my screw up

