

MSc Computer Science Cohort 9 Jan 2022 / 04_software-engineering-2-group-4
Slack channel export

Slack workspace	MSc Computer Science Cohort 9 Jan 2022
Channel	04_software-engineering-2-group-4
Exported at	8/8/22, 11:38 PM
Exported by	Slack2PDF
Start date	6/28/22, 11:07 AM
End date	8/8/22, 11:38 PM
Timezone	America/Los_Angeles
Locale	English (United States)
Messages	317
Threads	47
Pages	41

Tuesday, June 28, 2022

Ibrahim Dirar 11:07 AM

@Ibrahim Dirar has joined the channel

Thursday, June 30, 2022

sammargetsam 5:05 AM

@sammargetsam has joined the channel

Sergey Dmitriev 5:05 AM

@Sergey Dmitriev has joined the channel

rturo20 5:07 AM

@rturo20 has joined the channel

Ibrahim Dirar 5:52 AM

@here I've created this channel to organise the cwk, think I've managed to add everyone except Ben in Group 4 now

[+1] (2):

sammargetsam, rturo20

rturo20 2:27 PM

Ibrahim, for some reason Artur and Sergey have not been able to join this group. Is there a way to send them a fresh invite?

Ibrahim Dirar 2:38 PM

I've replied on the engage thread, I think as long as they're part of this slack, anyone in this channel can invite them

Sergey Dmitriev 2:45 PM

@Sergey Dmitriev has joined the channel

Sergey Dmitriev 3:08 PM

Hi, all

thanks for invitation :wink:

Since we have almost the end of week 1, I would suggest start presenting ourselves and choosing the role.

I'm Sergey, middle software engineer at EPAM systems. All project where I was working used agile methodology. I would be glad to try all three roles, especially scrum master, since I want to become a team leader in the future.

proposed role for the week 1: Scrum master

rturo20 10:57 PM

Thanks Sergey. I am an executive in the property and infrastructure sector. While I have always had a passion for computing and anything digital, I don't have any direct experience working in agile teams so would prefer to start as a development team member and learn from others who have more experience with agile methodologies. Happy to swap roles through the course. I'm very happy for you to take on the Scrum Master role if others on the team are.

Proposed role for week 1&2: development team member.

Friday, July 1, 2022

Artur Romanov 12:07 AM

@Artur Romanov has joined the channel

Ibrahim Dirar 12:21 AM

I'm Ibrahim, I work in Quantitative Investment Strategies middle office at an investment bank. I don't really follow a methodology as I develop tools for our team but it's not a software team.

With 7 of us and 6 weeks, we won't all be able to try the Scrum Master and Product Owner roles unless we double up one week. Probably worth asking about that tbh.

Artur Romanov 2:15 AM

I am Artur. I am a Co-Founder of a startup working in Full Stack Development.

It would be great if everyone could try all the roles.

sammargetsam 2:29 AM

hey team , I'm Sammie. I'm a project manager for a custom website company in Melbourne, Australia . I'm fairly new to programming so still getting to grips with java. Happy to start with whatever if we are going to rotate roles anyway but from a dev perspective I'm definitely more junior . My role is pretty much product manager with a team of front end developers so I'm used to agile team planning but still new to the role. Just a PSA: I work in the melbourne time zone so I tend to be online from 8am - 12pm uk time . I haven't got to this weeks lesson material yet but it's my task for this weekend

rturo20 10:54 PM

Hi everyone, so that we can get going can I suggest that we take Sergey up on his offer to be Scrum Master for weeks 1 and 2 and we rotate roles after week2. Are we all ok with that?

[+1] (1):

Chris Lehrter

Sergey Dmitriev 7/2/22, 1:48 AM

Ok, with me. I will prepare today github.

Friday, July 1, 2022

sammargetsam 10:55 PM

fine w me

[+1] (2):

rturo20, Sergey Dmitriev

Saturday, July 2, 2022

Artur Romanov 1:45 AM

Hi. I am ok with that. I suggest that I can be a product owner for week 1 and week 2. Are you ok with that?

[+1] (1):

Chris Lehrter

Sergey Dmitriev 7/2/22, 1:48 AM

ok with me

rturo20 7/2/22, 2:22 AM

Fine by me

Artur Romanov 2:15 AM

I think we also have Christopher and Ben in our team who are not in this chat

Sergey Dmitriev 7/2/22, 3:45 AM

@Ibrahim Dirar Could you add them to this chat please?

Ibrahim Dirar 7/2/22, 11:59 AM

I've just sent both of them a message on engage asking they join the slack

[+1] (1):

rturo20

Chris Lehrter 7/6/22, 12:00 PM

@Artur Romanov Just joined now!

Saturday, July 2, 2022

Sergey Dmitriev 3:11 PM

Link to GitHub Repository [new-bank](#)

send me please your nicknames in github, so I will be able to add you as a contributor.

feel free to ask me any questions in case you've run into a problem. We can make a short call where I share my screen and show you how to clone repository, etc.

Sergey Dmitriev 7/2/22, 3:16 PM

my nickname: [MrDmitriev](#)

Sergey Dmitriev 3:21 PM

btw, it reminds me every project in the beginning, when you spend about 1-2 weeks obtaining all the accesses and permissions, needed for work. Especially vpn :grin::grin:.

Sunday, July 3, 2022

Artur Romanov 12:21 AM

Hi, Sergey. I think we should use regular GitHub because it is suggested to be used in the email "Graded Assignment 1" on Engage. This is because of the VPN. In addition, it would be better to keep this project in our portfolio in the regular GitHub.

Sergey Dmitriev 12:30 AM

Hi, Artur. Thank you for the information (missed that email), I'm migrating the repository right now.

I will update the thread, once it done.

Sergey Dmitriev 12:57 AM

Upd: the the thread for the repository is updated.

New Repository link: [new-bank](#)

rturo20 7/3/22, 1:15 AM

Thanks Sergey, my GitHub nickname is rturo20. Also - should we be proposing requirements here on slack or somewhere else?

Artur Romanov 7/3/22, 2:59 AM

Thank you, Sergey. My GitHub is ArturRomanov.

We could discuss the requirements on Slack and then each member could add their requirements to the product backlog on Trello

[+1] (1):

rturo20

Sergey Dmitriev 7/3/22, 8:55 AM

@rturo20, @Artur Romanov I have added yours accounts. Confirm please, you have received an access.

Artur Romanov 7/3/22, 12:15 PM

@Sergey Dmitriev Thank you. I have received an access.

[+1] (1):

Sergey Dmitriev

rturo20 7/3/22, 1:16 PM

Thanks Sergey, I also have access.

[+1] (1):

Sergey Dmitriev

Ibrahim Dirar 7/3/22, 1:21 PM

My GitHub is ibrahimdirar

Sergey Dmitriev 7/3/22, 1:22 PM

you can check it now :slightly_smiling_face:

Chris Lehrter 7/6/22, 12:02 PM

hi **@Sergey Dmitriev** my github is chrislehrter

Sergey Dmitriev 7/6/22, 12:03 PM

I have sent an invitation **@Chris Lehrter**

Let me know when you will be ready, we can then choose a task.

[heart] (1):

Chris Lehrter

Sunday, July 3, 2022

sammargetsam 1:07 AM

hey all im really sorry I have covid right now and I feel pretty rough so won't have the chance to look at this until about wednesday

rturo20 7/3/22, 1:16 AM

Sammie, sorry to read about you getting Covid. Hope you're feeling better soon!

Artur Romanov 7/3/22, 3:05 AM

Sammie, hope you feel better soon.

Sergey Dmitriev 7/3/22, 8:50 AM

@sammargetsam get well soon :wink:

sammargetsam 7/5/22, 1:35 AM

hey thanks all! feeling a little better now so just catching up

Sunday, July 3, 2022

Artur Romanov 2:57 AM

Hi. I created a Trello board.

You can join the workspace using the following link.

<https://trello.com/invite/softwareengineering2group4/f4dfdc1f8d7a1f2635a2bbf41bd7858c>

You can join the board using the following link.

<https://trello.com/invite/b/xV2VkW39/91dd3a053734a3df48af599f5ac26c24/new-bank>

There are 2 templates for agile. The one is provided on Engage at

<https://trello.com/templates/project-management/agile-board-DnZvFigA> and another is

suggested by Trello at <https://trello.com/templates/engineering/agile-sprint-board-ZqN99gGN>

. I created the board based on the second template because it seems to be more relevant.

rturo20 4:05 AM

Section 3 of the Project Brief outlines how to tackle the project:

1. To implement the functionality in the NewBank client and server code as initially described in the protocol
2. Further develop this protocol as new features are added
3. Develop a command line interface for customers of NewBank to interact with their accounts
4. Develop new services for NewBank e.g. a micro-loan service

So by way of getting started I'll contribute the following to the backlog board and then let Sergey and you prioritise / discard. I am happy to leave it with the Scrum Master and Product Owner to decide what should go onto the backlog and priorities. So please feel free to discard any of these you feel are irrelevant.

Possible Initial Requirements:

- Implement the rest of the protocol (the additional commands)
- Activate password authentication (currently works based on username)
- Test and start the NewBank Server from the ClientServer so that you don't have to start two servers.

Have just added these to the Backlog card on Trello. Let me know if I haven't done that correctly.

Ibrahim Dirar 1:26 PM

Project brief for convenience

[+1] (2):

Sergey Dmitriev, rturo20

[PDF file: **Software_Engineering_2_Coursework_1.pdf**]

Monday, July 4, 2022

Artur Romanov 6:25 AM

Hi. I added the following requirement to the product backlog and prioritised the requirements. Please tell me what do you think.

I prioritised requirements of Dan in the following way. "Activate password" is high priority, "Implement the rest of the protocol" is high priority, "Test and start NewBank Server from the ClientServer" is medium priority.

Please add your requirements if you think that they are required for the product.

1.

Users should be able to top up their accounts

TOPUPACCOUNT

Tops up an account of a user where an admin has to approve the transaction

For example, TOPUPACCOUNT Savings 1000.0

Returns "Pending approval from admin of the bank"

Estimated benefit. 10.

Estimated effort. 5.

Reasoning is that it is very important for users to be able to top up their accounts while the effort is intermediate.

Priority. 5. High.

2.

Admin of the bank should be able to approve the top up transactions

SHOWAPPROVETRANSACTIONS

Returns a list of top up transactions for an admin to approve

For example, SHOWAPPROVETRANSACTIONS

Returns a list Username Account Action Value

Estimated benefit. 7.

Estimated effort. 3. Relative to TOPUPACCOUNT.

Reasoning is that to approve top up transactions, an admin has to view such transactions while the effort is relatively easy.

Priority. 4. Medium.

Should be done with APPROVETOPUPFORCLIENT.

3.

APPROVETOPUPFORCLIENT

Admin user approves a top up of an account for a client

For example, APPROVETOPUPFORCLIENT username

Returns APPROVED

Estimated benefit. 10.

Estimated effort. 5. Relative to TOPUPACCOUNT.

Reasoning is that to approve transactions is required by the bank to top up accounts of users while the effort is intermediate.

Priority. 5. High.

4.

There should be corporate users in addition to the regular users so that regular users could pay direct debits to corporate users

Estimated benefit. 7.

Estimated effort. 3. Relative to TOPUPACCOUNT.

Reasoning is that to pay direct debits there should be corporate users while the effort is relatively easy.

Priority. 4. Medium.

5.

Users should be able to pay direct debit to corporate users

DIRECTDEBIT

Users should be able to pay direct debit to corporate users

For example, DIRECTDEBIT corporateusername account value

Returns DIRECTDEBIT STARTED and bills periodically an account of a user

Estimated benefit. 7.

Estimated effort. 5. Relative to TOPUPACCOUNT.

Reasoning is that to pay direct debits is a feature which is offered by many banks and is required to be competitive while the effort is intermediate because of the periodic billing of direct debit.

Priority. 2. Low.

6.

Users should be able to view transactions

VIEWTRANSACTIONS

Users should be able to view transactions

For example, VIEWTRANSACTIONS

Returns a list of transactions Username Account Action Value

Estimated benefit. 6.

Estimated effort. 5. Relative to TOPUPACCOUNT.

Reasoning is that users need to view transactions while the effort is intermediate because other actions have to be modified to record the transactions.

Priority. 1. Low.

7.

Improve Client according to the task, part 3

Estimated benefit. 10.

Estimated effort. 7. Relative to TOPUPACCOUNT.

Reasoning is that improvement of Client is very important for users to interact with their accounts while the effort is intermediate to hard.

Priority. 3. Medium.

8.

Small credits with high interest rates functionality according to the task, part 4

Estimated benefit. 10.

Estimated effort. 7. Relative to TOPUPACCOUNT.

Reasoning is that small credits with high interest rates functionality is required by the task and is offered by many banks. and is required to be competitive while the effort is intermediate to hard.

Priority. 3. Medium.

9.

Comments to the code

Estimated benefit. 10.

Estimated effort. 3. Relative to TOPUPACCOUNT.

Reasoning is that comments are required by the task while the effort is relatively easy.

Priority. 7. High.

Artur Romanov 6:32 AM

By the way, which version of Java are you using?

rturo20 7/4/22, 1:15 PM

java 17.0.1 2021-10-19 LTS

Artur Romanov 7/6/22, 11:45 PM

Thank you.

Monday, July 4, 2022

Artur Romanov 6:45 AM

I think that the next step is for the Scrum Master, **@Sergey Dmitriev**, to indicate the weekly goals for the development, please see the brief of the project.

Sergey Dmitriev 6:46 AM

Hi, Artur,
thank you for updates. I will do it today evening or tomorrow during the day.

Artur Romanov 7/4/22, 12:31 PM

Hi, Sergey. You are welcome. Sure.

rturo20 7/4/22, 1:16 PM

Sergey, Happy to take on whatever you assign for this week's sprint.

Tuesday, July 5, 2022

sammargetsam 2:46 AM

hey , just catching up to this now, I'm still fairly new to java so I'll assign myself some of the lower complexity tasks if that's ok (once this week's have been assigned) i've also never used github so I'll set that up now and post my username here

sammargetsam 3:43 AM

heres my github account <https://github.com/ahatnamas>

Sergey Dmitriev 7:03 AM

Hi all, I'm currently preparing sprint goals and would like to suggest next tasks:

1. For **@rturo20** - [activate password authentication](#).
 2. For **@sammargetsam** - [comment code base](#). it will help you to understand the code. Very good task for start.
 3. For **@Ibrahim Dirar** - [add command TOPUPACCOUNT](#) some tasks are related to this one
- All tasks are of high priority.

Let me know, If there are some difficulties with your task. We can do a short call and investigate it.

The Trello board is now updated. Feel free to suggest any changes.

[+1] (1):

Ibrahim Dirar

Sergey Dmitriev 7/6/22, 12:07 PM

Hi **@Ibrahim Dirar**, Are you satisfied with the task, I have suggested for you ?
:slightly_smiling_face:

Ibrahim Dirar 7/7/22, 12:12 AM

Happy with the task suggested. I'd like to recommend adding Admin user as a high priority

task.

SHOWAPPROVETRANSACTIONS and APPROVETOPUPFORCLIENT are both key parts of the process of topping up an account (which have not been implemented in this sprint) but have a dependency on Admin users.

Tuesday, July 5, 2022

sammargetsam 7:16 AM

thanks @Sergey Dmitriev , my task is good for me, thanks for accommodating me!

[wink] (1):

Sergey Dmitriev

Sergey Dmitriev 9:24 AM

The next step should be:

1. pull 'main' branch
2. create feature branch
3. add your code/comments to that branch
4. create pull request
5. add reviewer to the pull request

*I'd recommend to do code review, so more teammates will know how the application is changing.

rturo20 9:31 AM

I'm good with 1. I will have a couple of questions on approach given I could come at it in different ways but let me get my thoughts together before I come back to you.

Sergey Dmitriev 7/5/22, 9:37 AM

sure :slightly_smiling_face:

I will be glad to discuss it.

rturo20 7/6/22, 1:24 AM

Sergey, I played around with the password coding last night and have resolved (although no doubt many ways to do this). I will submit a pull request tonight so you can take a look.

I have also copied this message to Trello as I guess we should be using Trello for in-sprint commentary?

Sergey Dmitriev 7/6/22, 2:55 AM

Hi Dan,

Great news !) Thank you. I will take a look during the day.

Tuesday, July 5, 2022

Sergey Dmitriev 9:32 AM

I would also like to say few words about commits/branches name conventions;

I would suggest this:

for a new feature, the branch name should look like: feature/task-number-short-description
e.g.: feature/NB-2-implement-auth

for a bugfix: fix/task-number-short-description
e.g.: fix/NB-3-fixes-password-validation

[+1] (1):

rturo20

Sergey Dmitriev 9:34 AM

I would also suggest adding task short codes.

For example we can name all tasks as **NB-[number]-[task name]**. So it will be easier in the future to orient.

If its ok for you, just let me know - I will add that codes

[+1] (1):

rturo20

Sergey Dmitriev 10:42 AM

For those, who have problems starting the project:

I recommend:

1. open two different IDE or editors (I use vscode)
2. First start server. Go to NewBankServer.java, run main method.
3. Then start client in the same way.

I had next errors: "...cannot be resolved to a type"
to solve that you need to clean the workspace.

in vscode:

1. open the command palette: (ctrl + shift + P)
2. find Clean the Java language server workspace and run it

Wednesday, July 6, 2022

Chris Lehrter 11:08 AM

Hi All, so sorry for the delay in getting onto this group! I'm Chris, I work in IT in F1 and now trying to upskill to keep up with my work responsibilities!

I'm just going to catch up with everything tonight and will get started on the project.

rturo20 7/6/22, 1:07 PM

Welcome Chris.

Sergey Dmitriev 11:22 AM

Hi Chris :wink:

Ibrahim Dirar 12:19 PM

Hello!

Ibrahim Dirar 1:17 PM

NB-2-TOPUPACCOUNT ready for review, any volunteers?

Sergey Dmitriev 7/8/22, 12:55 AM

I have approved your PR.

You can now merge it.

Wednesday, July 6, 2022

Chris Lehrter 2:59 PM

Hi Team, I'm up to speed now :wink: sorry again for the delay. Happy to work on any of the 'additional commands' (as I think you refer to in NB-1 on Trello @Artur Romanov) in the first sprint if you like?

Chris Lehrter 7/6/22, 3:02 PM

@Sergey Dmitriev FYI

Artur Romanov 7/6/22, 11:53 PM

Hi, Chris. Yes, you can work on NB-1 which is according to the provided "protocol" file.

[+1] (1):

Chris Lehrter

Chris Lehrter 7/7/22, 11:38 AM

@Artur Romanov okay great I'll work on those protocols and get you a commit by tomorrow / saturday am latest

Artur Romanov 7/7/22, 12:45 PM

@Chris Lehrter Thank you.

Wednesday, July 6, 2022

Ibrahim Dirar 11:54 PM

When merging pull requests, can we use squash and merge? I'd like to keep the main branch history clean without all the commits of the dev branches.

[+1] (1):

Sergey Dmitriev

Sergey Dmitriev 7/6/22, 11:55 PM

Yes, I think It will be better.

[grinning] (1):

Ibrahim Dirar

Ibrahim Dirar 7/6/22, 11:56 PM

(Context for people less familiar with git:

merge adds all commits from branch you're merging from to the branch you're merging to
squashing takes all those changes and creates a single commit and only that single commit gets merged)

rturo20 7/7/22, 12:19 AM

So do we squash branch locally before we push remotely - sorry just started using git in this way?

Ibrahim Dirar 7/7/22, 12:31 AM

No, it can be part of the merge to main on github.

[PNG file: **Screenshot 2022-07-07 at 08.30.49.png**]

Artur Romanov 12:05 AM

Hi. I updated Trello where I added to write comments in the code and in the "protocol" file according to the task for the new code because the task "NB-3 Comments to the code" relates to the provided code, while the new code has also to be commented.

If you have any questions about the requirements, please feel free to ask the questions.

rturo20 12:22 AM

Pull request for Fix/NB4-fixes-password-validation ready for review. First time using git this way so let me know if there are any issues.

Ibrahim Dirar 7/7/22, 12:30 AM

Code looks good, have added a comment on github re .gitignore.

I'd like to propose a new task of creating a function to get customer from customer ID, as currently the way customers are stored in NewBank.java is too tightly coupled with all the commands that need a customer i.e. this pull request will break my pull request when ideally that shouldn't happen.

[+1] (1):

rturo20

Sergey Dmitriev 7/7/22, 2:38 PM

I will add this task to backlog

Sergey Dmitriev 2:38 PM

@Ibrahim Dirar Ben Mitchel asked me for an invitation link to this group. Could you please send it him?

Ibrahim Dirar 7/7/22, 4:22 PM
sent him another invite link

Friday, July 8, 2022

Sergey Dmitriev 1:16 AM

One of the parts of Scrum method is daily meeting (or "stand up").
We can try to do such meetings. That should help to understand what is going on in the team.

I think, we don't need to do it every day, since we don't have much work. But e.g. every Friday and Wednesday would be enough.

It's a short 10-15 mins meeting when everybody says:

- what have been done
- what are you going to do next
- are there any problems that block you in your work.

Let me know If you like that idea. If yes, we need to find a time slot which will be convenient for all.

sammargetsam 1:17 AM

it'll probably be hard to find a common time for meeting but we could just post a thread on this chat twice a week with it ?

Sergey Dmitriev 1:18 AM

Good idea. I will create that thread now.

Daily stand up. Friday 08.07

Sergey Dmitriev 7/8/22, 1:22 AM

As a ScrumMaster I have reviewed Ibrahim's pull request. It looks perfect
:slightly_smiling_face:

I'm currently thinking about how to add the new task that Ibrahim proposed. I will probably need to discuss it with Ibrahim and with Product owner.

Currently, I have no blockers.

rturo20 7/8/22, 3:17 AM

Thanks Sergey, Once you've had the chance to review my pull request 04: I am happy to evolve it as per **@Ibrahim Dirar** 's suggestion to transfer the userName/password validation to the Customer class.

A general question I have is that as we are being assessed on our 'contribution' rather than

the coding, does anyone know if this slack forum is being monitored by the teaching staff?

Artur Romanov 7/8/22, 5:21 AM

Could you please describe the new task and its purpose that Ibrahim proposed in more detail?

Currently, customers are stored in NewBank in HashMap customers, when users enter a username and a password in Client, a new CustomerID is created in Server which is a username. This CustomerID is used for processRequest.

Dan, I think that this Slack is not monitored.

rturo20 7/8/22, 8:01 AM

@Artur Romanov Yes - if you look at my pull request in git. **@Ibrahim Dirar** explains the alternate to my pull. I have tweaked HashMap to make it nested and incorporated a password(String) validation. The question is whether there is a cleaner way to do this. See this link for more detail. <https://github.com/MrDmitriev/new-bank/pull/2>

- I've fixed the password authentication using a nested HashMap with the following format: userName or String
- I've added comments where I have made changes

Comments

5

<<https://github.com/MrDmitriev/new-bank>|MrDmitriev/new-bank> | 7/7/22, 12:15 AM

Ibrahim Dirar 7/8/22, 10:13 AM

To summarise, usernames and passwords are stored in NewBank.java. My proposal is that passwords should be stored within the Customer class as a private attribute as it's customer data and should be encapsulated as such and add a check password function to Customer. This would also means that things that care about authentication don't care how passwords are implemented.

[+1] (1):

rturo20

Contribution is based on Trello, GitHub and group participation form that we have to fill out

rturo20 7/9/22, 1:35 AM

That's what I thought - so should we be having more of these interactions on either GitHub or Trello rather than on slack?

sammargetsam 7/9/22, 3:49 AM

Had trouble running because unable to locate the main on eclipse, I can see this was discussed on other SE2 thread and the suggestion is to use IntelliJ, so will switch over to this

.Managed to added some additional comments (more of an activity for me to learn git)

Friday, July 8, 2022

Ben Mitchell 10:07 AM

@Ben Mitchell has joined the channel

Saturday, July 9, 2022

Chris Lehrter 2:28 AM

Hi All, quick question re. best practice on git (I'm quite new to working collaboratively like this so want to make sure I'm doing this right). Should I always be working starting from the 'main' branch, or am I ok to create sub-branches from the current feature branch?

reason I ask is that we could reuse code by using @Ibrahim Dirar's TOPUPACCOUNT command for MOVE as well (a move of money is a positive top up of one account and a negative top up of another)?

Sergey Dmitriev 2:33 AM

Best practise will be using always main branch for creating a new one. Otherwise, it's more likely that you will have merge conflicts.

Ibrahim's PR is already approved, so, if @Ibrahim Dirar don't mind, I will merge it into main branch so everybody will be able to use that changes.

@Chris Lehrter you can now pull current "main". (git fetch, git pull).

Let me know if you have any problems with git. I know, it's painful sometimes
:slightly_smiling_face:

Chris Lehrter 2:41 AM

Ok great thanks!

sammargetsam 2:53 AM

do I just press 'commit' or 'commit and push'

[PNG file: **image.png**]

Sergey Dmitriev 3:05 AM

Try commit and push :)

In Vscode, however, it sometimes returns an error. I'm not sure how it will be in eclipse.

Btw, you can always use command line:

1. git commit -m "your commit message"
2. git push -u origin HEAD (if you push your feature branch for. the first time)
3. or just git push

[+1] (1):

sammargetsam

sammargetsam 3:15 AM

I'm getting this issue

[PNG file: **image.png**]

Sergey Dmitriev 7/9/22, 3:18 AM

What was your first step, did you cloned the repository via git clone ... ?

sammargetsam 7/9/22, 3:19 AM

yeah, I think it might be because I had to change my password when committing as I forgot my git login

I think the authorisation is with me

Sergey Dmitriev 7/9/22, 3:22 AM

try this instruction, you will probably need to create an access token

<https://youtu.be/IMQmTcBmq-U?t=361>

Teach Yourself Code

[How to fix 'Can't connect to any URI: https://github.com/*/Github.git - not authorized' error.](https://github.com/*/Github.git)

sammargetsam 7/9/22, 3:48 AM

that solved it , thanks!

Sergey Dmitriev 7/9/22, 11:35 AM

Hi, **@sammargetsam** I was not able to find a pull request on github with the comments. Could you please give some updates about this task? Did you succeed to push your feature branch and create a PR?

sammargetsam 7/28/22, 5:54 AM

hi sorry I totally missed this thread, I pushed the comments when I used the eclipse editor but it's not been carried through. I'm going to try and add some comments now I'm using vs code

sammargetsam 7/28/22, 6:11 AM

did this work?

[PNG file: **image.png**]

once I know this has worked I can go through my backlog

Sergey Dmitriev 7/28/22, 6:56 AM

Hi, **@sammargetsam** last time you have just pushed your changes to the main branch :slightly_smiling_face:

It would be better to create a pull request first, then to push this pull request to the main branch. Such extra step is useful for reverting changes for example :slightly_smiling_face:

On the picture above you have a green button "Compare & pull request" use it to create a pull request. Then you can check yourself if the PR have been created on this page

<https://github.com/MrDmitriev/new-bank/pulls>

[PNG file: **image.png**]

Saturday, July 9, 2022

Chris Lehrter 4:26 AM

Ok I think I've just managed to push a commit for NB-1-ImplementProtocol (just has 'NEWACCOUNT' added for now). Can someone check that 1. I've done that correctly and 2. that the code is ok?

Sergey Dmitriev 7/9/22, 11:45 AM

Hi Chris,

I don't see any PRs, but Dan's one (NB-4) check please if:

1. you fetched the actual main branch
 2. you have created a feature branch due to a [convention](#)
 3. you have committed your code successfully (git commit -m "your commit message")
 4. you have pushed your feature branch (git push or git push -u origin HEAD)
 5. you have created a Pull request on the GitHub pages.
- let me know if you have any troubles.

Sergey Dmitriev

I would also like to say few words about commits/branches name conventions;

I would suggest this:

for a new feature, the branch name should look like:

feature/task-number-short-description
e.g.: feature/NB-2-implement-auth

for a bugfix: fix/task-number-short-description
e.g.: fix/NB-3-fixes-password-validation

Posted in #04_software-engineering-2-group-4 | 7/5/22, 9:32 AM

Chris Lehrter 7/10/22, 10:03 AM

Sorry just seen this, will check all of the above now

okay I think I've created a pull request now (I did 1-4 but not 5!) I believe following the conventions above too :slightly_smiling_face: FYI I'll work on this more tonight to see if I can complete the other protocols (I've only done one here) then will update status ahead of prepping for next sprint!

Saturday, July 9, 2022

Sergey Dmitriev 10:28 AM

I have just finished the review for NB-4 (password validation)

This task, after analysing, looks more difficult than it was expected during the sprint preparation.

I have added some comments to the PR.

My general idea is to split current task into 2-3 sub-tasks.

It will be probably difficult to finish this task until the end of Sunday.

Sergey Dmitriev 7/9/22, 11:17 AM

For all, this is the [link](#) where you can see our comments (Dan, Ibrahim, me)

I especially need the opinion of a product owner (@Artur Romanov) and developers (@rturo20, @Ibrahim Dirar) to prepare next steps.

rturo20 7/9/22, 1:20 PM

I have just posted a reply to @Sergey Dmitriev here.

https://github.com/MrDmitriev/new-bank/pull/2#discussion_r917304837 and have copied below for ease of reference.

https://github.com/MrDmitriev/new-bank/pull/2#discussion_r917304837

@MrDmitriev, thank you for reviewing.

From my perspective, your logic makes sense and I agree we won't get there in this sprint.

When I looked at the challenge at the beginning of the week, I could see that this could be quite a complex implement, so I'm pleased that my attempt has prompted this thinking. I played with a number of implementation pathways, hitting dead ends as complexity grew, before settling on the nested HashMap for simplicity.

All that said, I am now also wondering whether we should have invested some time in agreeing broad structure design principles up front, where we potentially would have arrived at this position before Sprint 1? Not sure what the right balance is for agile development? Planning up front or learn through doing??

Given the requirements of the brief I agree that ultimately we need this to scale and we will need DB functionality in any event.

I think your outline provides the scope for an updated NB 04 for next week's sprint. Will await view from others to ensure they agree.

Perhaps we work on your item 1 and 3 for next week and design a mock DB for item 2. We can either then add the real DB during the following week's sprint or another developer can look at developing the DB API in parallel as a stand alone sprint task. The reason I suggest

this, is as you say, the DB will have additional functionality over and above user/password authentication, so needs to be scoped and thought through more broadly.

What do others think?

Artur Romanov 7/10/22, 3:19 AM

I agree with you that this task should be coded in the proposed way. **@Sergey Dmitriev** could you please add the tasks to the product backlog? I will prioritise the new tasks.

rturo20 7/10/22, 2:38 PM

Thanks **@Artur Romanov** If this task makes the cut for this week's (week 3) Sprint, I'm happy to volunteer to attempt to code it as recommended by **@Sergey Dmitriev**.

Sergey Dmitriev 7/10/22, 2:49 PM

Thank you for your opinions,

I'd like to make next changes in Trello:

1. lets rename the current ticket NB-4 on NB-4-Authorization-1/3-analysis and set it as Done
2. lets create a new ticket NB-15-Authorization-2/3-auth-service
3. create a new ticket NB-16-Authorization-3/3-connect-to-db
4. create a new ticket NB-17-Database-basic-implementation (create db, add basic methods)

rturo20 7/11/22, 1:35 AM

@Sergey Dmitriev This looks good to me. My assumption under item 4 is that this would be a mock database, rather than an actual one.

[+1] (1):

Sergey Dmitriev

rturo20 7/11/22, 1:49 AM

Also on engage under Week 3 Software Engineering Practice it states:

[JPEG file: **Image from iOS.jpg**]

@Sergey Dmitriev do you want to remain Scrum Lead for another week or do we want to change roles? This remains all new to me so I'd like to remain a 'Scrum Team Member' for the next week if ok - happy to then change to another role the following week.

rturo20 1:35 AM

@Sergey Dmitriev This looks good to me. My assumption under item 4 is that this would be a mock database, rather than an actual one.

[+1] (1):

Sergey Dmitriev

rturo20 1:49 AM

Also on engage under Week 3 Software Engineering Practice it states:

[JPEG file: **Image from iOS.jpg**]

@Sergey Dmitriev do you want to remain Scrum Lead for another week or do we want to change roles? This remains all new to me so I'd like to remain a 'Scrum Team Member' for the next week if ok - happy to then change to another role the following week.

Chris Lehrter 2:19 AM

I'm happy to give another role a go if **@Sergey Dmitriev** or **@Artur Romanov** want to swap out?

Sergey Dmitriev 2:47 AM

I would like to change the role, because I was a scrum master last 2 weeks.

I will finish today all my steps (as scrum master)

Sprint review. (Sprint 1)

Sergey Dmitriev 7/11/22, 2:52 AM

Since the sprint review is a part scrum, lets write brief reflection what have we done well/bad etc. What problems did we have and how did we solved it.

rturo20 7/11/22, 3:27 AM

@Sergey Dmitriev Thanks, just for clarity do you want us to do that here or will you post a document on Trello as per the brief? From my perspective here are my thoughts....

What we did well

- **@Sergey Dmitriev @Artur Romanov** did a good job trying to pull us all together for the first time
- I think we have all been polite and professional and tried to support one another (I certainly felt supported by everyone).
- We appointed roles quickly
- We all got into the sprint and everyone did their best to contribute.
- I felt the way we worked around to solve for requirement 04 was good.

Areas for improvement:

- Perhaps should have collectively invested in a scrum up front to agree:
 - High level outcomes.
 - how we should work
 - weekly program rhythm
 - Time differences
 - Scrum Master / Product Owner decision support
 - Individual capabilities

[+1] (1):

Sergey Dmitriev

Sergey Dmitriev 7/11/22, 3:28 AM

I will post that later on the Trello board

[+1] (1):

rturo20

Ibrahim Dirar 7/11/22, 6:28 AM

What we did well:

- Good job of assigning roles quickly
- Worked well together
- Good communication
- Good discussion

Areas for improvement:

- With asynchronous working and multiple devs working together, would have been good to have one of the first tasks be relating to setting up the interfaces - enforces a contract on how interacting systems work and would make it easier for devs to change implementation as long as interface is still followed
- Conversation split across GitHub and Slack (probably my fault partially), we should discuss what belongs on GitHub vs Slack vs Trello

Artur Romanov 2:53 AM

I would like to change to the role and be a Scrum Team Member

Chris Lehrter 4:22 AM

okay! I'm happy to Scrum Master this week if everyone else is happy with that?

[+1] (3):

Sergey Dmitriev, rturo20, Ibrahim Dirar

Sergey Dmitriev 1:01 PM

Hi colleagues, as you may already know, at the beginning of the Sprint 2 we need to do a sprint review for the 1st sprint.

I made a mistake, when created a thread in Slack and asked you to answer a bit different questions that we have in a project brief.

to correct it, I:

1. have created a new card "Sprint 1 - review" in [Trello](#)
2. copied answers from **@rturo20** and **@Ibrahim Dirar** (you can rewrite it by yourself now if you want)

Now, I would like to ask all of you (**@Ibrahim Dirar @rturo20 @Chris Lehrter**

@sammargetsam @Artur Romanov @Ben Mitchell) to add a comment, with your answers on at least required questions: (№ 3,4,5)

I would also be glad, if you answer non-required questions (№1,2), since it also helps to make decisions for Scrum master and product owner.

[+1] (2):

rturo20, Chris Lehrter

rturo20 7/11/22, 11:32 PM

Thanks @Sergey Dmitriev. Have now updated mine.

Sergey Dmitriev 7/12/22, 12:06 PM

Thank you, Dan ;)

Chris Lehrter 1:39 PM

• Hi @channel, I've just added a new 'Sprint 2' card in Trello with some suggestions for this sprint. Would be great if you could review, add your thoughts, and possibly pick a task. I'm up for a quick catch up via a call. if you like too :)

rturo20 7/12/22, 11:10 PM

Thanks Chris, I think the Sprint 2 task list looks good.

[+1] (1):

Chris Lehrter

Wednesday, July 13, 2022

Chris Lehrter 3:39 AM

Hi @Sergey Dmitriev do we want to try to merge the branches from last sprint to give us a baseline master for this one? If we're ok to do that now it might be better to reduce risk of diverging code?

Sergey Dmitriev 3:42 AM

Hi Chris, yes, it would be better to review and merge all pull requests. I'm currently in a hospital and will be able to do that probably today evening.

If you have another team member who can help to do it, dont wait for me :)

Chris Lehrter 7/13/22, 5:04 AM

Oh no, I hope everything's ok! Don't worry if you can't do it this evening I'm happy to do it

Sergey Dmitriev 7/14/22, 8:28 AM

everything is ok, I was in a maternity hospital :slightly_smiling_face:

Now I have one more "developer" in my family :slightly_smiling_face:

Chris Lehrter 7/14/22, 2:13 PM

Ah wow congratulations!!!

Wednesday, July 13, 2022

Chris Lehrter 12:58 PM

Hey, I've put some tasks on the Trello board for this sprint, I hope that's ok. For now I've assumed that @Artur Romanov will still be product owner, but happy to change that around if someone else wants to volunteer. Let me know if you have any questions!

rturo20 7/13/22, 1:38 PM

Thanks Chris - I'm very happy to be product owner or scrum master next week if someone else takes on PO this week.

Artur Romanov 7/14/22, 1:05 AM

Thank you, Chris. I wrote previously that I want to be a Scrum Team Member this week, however, I am happy to be a Product Owner this week too since it seems that I need to answer questions related to product requirements if there are any according to the task. I am happy to be a Scrum Master next week.

Chris Lehrter 7/14/22, 2:17 AM

That's great thanks **@Artur Romanov**, I'm happy to field Product Owner questions too so will support you on that this week as best I can

Artur Romanov 7/15/22, 3:15 AM

@Chris Lehrter Thank you.

Wednesday, July 13, 2022

rturo20 1:40 PM

@Chris Lehrter have the pull requests now been merged?

Chris Lehrter 7/13/22, 3:27 PM

Just done! Had some merge conflicts in NB-4 (I think mainly around comments) seemed pretty self explanatory to resolve but you might want to check when opening the new branch for this week's auth work

[+1] (1):

rturo20

Friday, July 15, 2022

Artur Romanov 8:05 AM

Hi. I just cloned the merged code and basically to run the code some code has to be fixed in NewBank.java. Have you tried to run the merged code?

Chris Lehrter 9:47 AM

I haven't tried but I might have not done the merge correctly?

rturo20 9:53 AM

Yes - I've tried to run it once cloned and NewBank.java needs to be resolved.

Chris Lehrter 10:12 AM

I'm looking now and I think it's because of the change to the 'customers' hashmap structure. I

can make the change to get the protocol working again with the 'HashMap of Hashmaps' structure, but maybe it would be better to wait until the mock DB is ready?

rturo20 7/15/22, 12:31 PM

@Chris Lehrter - I think yes, reverse out the nested HashMap. It's pull request led us down the DB path so it wasn't meant to be merged.

Chris Lehrter 10:16 AM

Apologies for not testing this earlier - all part of the fun I guess :slightly_smiling_face:

rturo20 12:31 PM

@Chris Lehrter - I think yes, reverse out the nested HashMap. It's pull request led us down the DB path so it wasn't meant to be merged.

Chris Lehrter 12:49 PM

I've just created a pull request to revert would someone be able to review it?

rturo20 7/16/22, 12:26 AM

@Chris Lehrter I have just checked your pull request and can confirm that the code now works. I assume as scrum master you'll merge into main?

rturo20 12:26 AM

@Chris Lehrter I have just checked your pull request and can confirm that the code now works. I assume as scrum master you'll merge into main?

@Chris Lehrter Once you merge into main, I'll pull and add the MockDB class this afternoon and create a pull request. I have already provided the getters and setters in Trello for anyone who needs to interface with it. Rather than a nested HashMap, I am simply returning Strings for Customer, userName and password.

[+1] (1):

Chris Lehrter

Chris Lehrter 12:54 AM

@rturo20 great thanks I'll merge now

just realised I can't merge until it's been approved by a reviewer - I've added you as a reviewer do you mind approving so I can merge? Sorry still learning how git works

Artur Romanov 1:05 AM

That is fine. It is because of the changed data structure of the customers variable. It could be fixed with the code similar to the code in the return of "showMyAccounts" in NewBank.java. However, your solution also solves the issue. I have approved the pull request to merge the code.

[+1] (1):

Chris Lehrter

Chris Lehrter 1:10 AM

@rturo20 @Artur Romanov thanks both. Once the pull request for the MockDB is in I can review and merge it, then others can incorporate it.

rturo20 1:31 AM

@Chris Lehrter @Artur Romanov Thanks both. I'll add MockDB this afternoon/evening.

Artur Romanov 8:45 AM

@rturo20 Just wonder if you are going to initialise MockDB inside the MockDB class. If you see NewBank.java class, NewBank is initialised inside NewBank class using static. I think it should be done in this way because there should be only one instance of MockDB class. I also coded a simple database to test authorisation and I think that in this way some methods in the database class should be static, for example, getPasswordFromUserName.

rturo20 9:44 AM

@Artur Romanov for simplicity I hadn't, but I am happy to do it this way. Rather than submit a pull request now, I'll make MockDB self initialising and submit a pull request later tonight/first thing tomorrow. The variables and methods won't change so it shouldn't be an issue. Is that ok?

Artur Romanov 1:15 PM

Sure. Thank you.

rturo20 1:40 PM

@Chris Lehrter @Artur Romanov MockDB, CustomerData and TestMockDB added to the project by way of Pull Request. Will leave it with you to review. Many thanks.

Chris Lehrter 2:33 PM

looks good so I've approved and merged. Thanks Dan looks great

[+1] (1):

rturo20

Sunday, July 17, 2022

Artur Romanov 2:16 AM

@rturo20 Your code for the database looks good. Thank you.

I created a pull request with the new Authorisation.java class and updated code in the NewBankClientHandler.java. Could you please review the pull request?

rturo20 2:48 AM

@Artur Romanov thanks. **@Chris Lehrter** as scrum master do you want to review? Alternatively, I can review this evening (London time).

Chris Lehrter 3:32 AM

Just reviewed and approved :slightly_smiling_face: thanks **@Artur Romanov**

I'll spend some time this afternoon making sure the protocol is properly integrated with the auth

[+1] (1):

rturo20

Ibrahim Dirar 1:19 PM

Apologies, I'm currently rather unwell so unable to complete my sprint task this week. I'll add it onto my tasks for next week (when I should hopefully be better)

Monday, July 18, 2022

Sergey Dmitriev 2:37 AM

Hi all, I will need a bit more time to finish my task. Sorry for delaying.

sammargetsam 5:31 AM

same here I've had a rough 2 weeks with vivid and I'm still really fatigued with working full time but will catch up with any backlog

rturo20 11:51 PM

@Chris Lehrter Do you want to take on the scrum master role for another week? I'm happy to take it on either this week or next unless someone else would like to do it?

Tuesday, July 19, 2022

Chris Lehrter 1:22 AM

@rturo20 happy to carry on as scrum master and pick up a couple dev tasks too if need be, maybe you could try the product owner role and take over **@Artur Romanov** (who has been doing it since the start). If you think it will help I'm happy to run this in a more 'Kanban' style for the next week or so - those who've still got tasks from last week focus on them first, then after we can pick the next ones?

rturo20 7/19/22, 1:25 AM

Perfect **@Chris Lehrter** That sounds good - in particular switching to Kanban. **@Artur Romanov** I'm happy to take over the product owner role if you like?

rturo20 1:25 AM

Perfect **@Chris Lehrter** That sounds good - in particular switching to Kanban. **@Artur**

Romanov I'm happy to take over the product owner role if you like?

Sergey Dmitriev 11:58 AM

I would be happy to stay a team member this week, since I need to catch up the program. Next week I would be ready to take on the product owner role.

Sergey Dmitriev 12:37 PM

Hi all, I have prepared a small PR for starting Client and Server concurrently. It should make starting the application easier.

I would be glad if somebody review it. <https://github.com/MrDmitriev/new-bank/pull/8>

<<https://github.com/MrDmitriev/new-bank>| MrDmitriev/new-bank> | 7/19/22, 12:35 PM

Artur Romanov 7/20/22, 1:45 AM

Reviewed your code and it looks good.

Tuesday, July 19, 2022

Sergey Dmitriev 3:17 PM

Hi again, I have implemented 1/3 of the [this task](#) and have a small [question](#)

:slightly_smiling_face:

I would be glad for all opinions.

Artur Romanov 7/20/22, 12:31 AM

Replied to your question in Trello. Basically, we could simplify the database with usual users and admin users. We could use the current database and could modify code in the NewBankClientHandler.java. The transactions would be saved only for a current session, however, integrating a normal database will take some time, while the goal of this project is on the agile processes.

Artur Romanov 12:15 AM

@rturo20 Sure, you can be a Product Owner this week.

@Chris Lehrter Can I be a Scrum Master this week? Just to make sure that everyone tries all the roles.

Artur Romanov 1:49 AM

There is a bug in the merged code. Strings in MockDB class should be compared using "equals" rather than "==", for example, for getPasswordForUserName. I can fix the issue today.

rturo20 2:04 AM

Thanks **@Artur Romanov** That would be good. I think I used == for most functions in MockDB, so just looking at the code, you may need to do a find/replace across the class. I

don't have my laptop with me (I could fix tonight gmt) so will leave with you. Thank you.

Artur Romanov 2:05 AM

Sure. I will fix the code today.

Artur Romanov 6:21 AM

I created a pull request to merge the code which fixes the database. Could you please approve the pull request to merge the code?

Sergey Dmitriev 7/20/22, 10:44 AM

approved

rturo20 7/20/22, 12:43 PM

Also approved

Chris Lehrter 11:48 AM

@**Artur Romanov** sure go for it!

rturo20 12:52 PM

Question: As product owner - am I meant to also develop this week?

@**Artur Romanov** As a suggestion as product owner, I think we should also begin to implement basic user interface functionality. Just enough to help the user / tester navigate the app. This would reflect a basic version of NB-13

Thursday, July 21, 2022

Artur Romanov 7:59 AM

@**rturo20** Yes, I agree with you. I added NB-13 to the sprint.

[+1] (1):

rturo20

Sergey Dmitriev 11:15 AM

Hi, @**Ibrahim Dirar** It seems that my task NB-19 is related on your tasks NB-18, -5, -7 (all are in progress) May I help you and take some task ?

Ibrahim Dirar 1:28 PM

Would it make sense to have 19 apply to existing protocols and having a new task be aligning 18, 5 and 7? Otherwise will likely be pushing a dev branch tomorrow with my tasks and if needed you can use that as a basis for 19.

Sunday, July 24, 2022

sammargetsam 5:05 AM

Hi all, working through my backlog tasks today and tomorrow, having to install intellij as I can't run the code through eclipse so will likely be a bit slow as I need to relearn how to clone edit and merge with a new IDE

sammargetsam 5:05 AM

sorry again, covid f*cked me up!

sammargetsam 5:43 AM

I can't run the code on eclipse or intellij, I can't even clone the github repo because I receive this error (attached) when I try and open it. I have xcode command line tools installed but can't install xcode itself because I'm on replacement mac right now and xcode requires Mac OS 12 or later, any ideas ? or better IDEs?

[PNG file: **image.png**]

Sergey Dmitriev 7/24/22, 5:50 AM

Hi, Sammie

I'll try to help you

1. I would recommend using vsCode, since it is more simple to work, when you have not much experience with IDE.
2. I'm not sure, but such error may occur when you try to clone the repo to the non empty folder. So, try to create another empty folder, then open it in terminal and use git clone [repo url](#)

[+1] (1):

sammargetsam

sammargetsam 7/24/22, 6:06 AM

Thanks, I'll try with vscode! 3rd time lucky I hope!

[grin] (1):

Sergey Dmitriev

Artur Romanov 7/25/22, 10:01 AM

Hi Sammie,

Have you cloned the repository with the code?

The simplest way to do this is to have git installed on you computer, create a new folder and write git clone with the url in a console.

sammargetsam 7/28/22, 7:54 AM

hey that's what I did for this one with VS code and it seemed to work. had trouble doing it with eclipse and it worked with intellij but my code wouldn't run. I'm on a really old macbook computer right now (2014 macbook air) so I am not sure whether that could have been an issue. I think its fixed now as I can run the code and was able to commit changes on github

and hopefully did a pull request

Monday, July 25, 2022

sammargetsam 6:22 AM

what windows do we need open to run the code from vscode? I have ran from main but nothing shows on my output and my terminal just shows:

The default interactive shell is now zsh.

To update your account to use zsh, please run `chsh -s /bin/zsh`.

For more details, please visit <https://support.apple.com/kb/HT208050>.

Sams-MacBook-Air-5:new-bank sammargetson\$ /usr/bin/env

/Users/sammargetson/Library/Java/JavaVirtualMachines/openjdk-18.0.2/Contents/Home/bin/java --enable-

Sams-MacBook-Air-5:new-bank sammargetson\$ cd /Users/sammargetson/github\

vscode/new-bank ; /usr/bin/env

/Users/sammargetson/Library/Java/JavaVirtualMachines/openjdk-18.0.2/Contents/Home/bin/java --enable-preview -XX:+ShowCodeDetailsInExceptionMessages

-cp /Users/sammargetson/Library/Application\

Support/Code/User/workspaceStorage/a8eab54e8202fa2966c4cec99c14e6ec/redhat

.java/jdt_ws/new-bank_ba4628f/bin newbank.Main

Exception in thread "main" java.net.BindException: Address already in use

at java.base/sun.nio.ch.Net.bind0(Native Method)

at java.base/sun.nio.ch.Net.bind(Net.java:555)

at java.base/sun.nio.ch.Net.bind(Net.java:544)

at java.base/sun.nio.ch.NioSocketImpl.bind(NioSocketImpl.java:640)

at java.base/java.net.ServerSocket.bind(ServerSocket.java:392)

at java.base/java.net.ServerSocket.[init](#)(ServerSocket.java:274)

at java.base/java.net.ServerSocket.[init](#)(ServerSocket.java:167)

at newbank.server.NewBankServer.[init](#)(NewBankServer.java:12)

at newbank.Main.main(Main.java:10)

Sams-MacBook-Air-5:new-bank sammargetson\$

Artur Romanov 7/25/22, 10:15 AM

It seems that the port is already in use. It could be because you were using other IDEs to run the application which used the port. You could try to have only Visual Studio Code running with the code or restart your computer to solve the issue.

sammargetsam 7/25/22, 12:16 PM

thanks @Artur Romanov will give that a try :grinning:

Chris Lehrter 11:35 AM

Hey @Artur Romanov sorry I'm still working on NB-8 and NB-13: I will try to get something checked in tomorrow if that's ok?

Artur Romanov 7/25/22, 1:59 PM

Hi @Chris Lehrter. That is ok. Sure.

Sergey Dmitriev 12:42 PM

I have created a PR for NB-19: <https://github.com/MrDmitriev/new-bank/pull/10>
Will be glad if somebody could take a look

<<https://github.com/MrDmitriev/new-bank>|MrDmitriev/new-bank> | 7/25/22, 12:41 PM

Artur Romanov 7/25/22, 2:15 PM

I reviewed and merged your code.

Sergey Dmitriev 7/25/22, 2:15 PM

thank you!

Sergey Dmitriev 12:43 PM

This week I would like to try a Product owner role

[+1] (1):

Chris Lehrter

rturo20 12:45 PM

Thanks **@Sergey Dmitriev**, I'd like to take on the Scrum lead role once Artur completes his reviews tomorrow.

rturo20 11:35 PM

@Artur Romanov as outgoing scrum master, will you add a document on the Trello page that contains the weekly questions?: What have I done this week?. What problems have I encountered? Have I solved them and how?

Artur Romanov 7/26/22, 10:15 AM

@rturo20 I added the document on the Trello yesterday.

rturo20 7/26/22, 12:19 PM

Thanks **@Artur Romanov** - sorry, missed it! I'll fill it in now.

Monday, July 25, 2022

rturo20 11:37 PM

In terms of this week's sprint (week 5) - I am assuming sprint in progress projects will continue. If anyone wants to take on any new projects from the backlog please feel free to volunteer. I think there are a couple of duplicate tasks in the backlog so I'll attempt to clean this up today. Can we assume that we will complete outstanding tasks by Friday? Anyone who cannot make this deadline, please let me know.

[+1] (2):

Sergey Dmitriev, Chris Lehrter

Ibrahim Dirar 7/29/22, 6:10 AM

I won't be making the Friday deadline, but looking to get my tasks done for Monday (managed to get Covid right after recovering from previous illness :disappointed:)

rturo20 7/29/22, 12:06 PM

@Ibrahim Dirar Thanks for letting us know.

Tuesday, July 26, 2022

Chris Lehrter 12:43 PM

when running the code and putting in the wrong user, does anyone else get a recurring output of 'nulls'?

[PNG file: **image.png**]

sammargetsam 7/28/22, 5:27 AM

I noticed this but thought it was my IDE being weird!

sammargetsam 7/28/22, 5:38 AM

Could we add a try catch error message here that guides users to try again and restart the prompt?

Chris Lehrter 7/28/22, 9:18 AM

yeah I think it's an error - we could do yeah that would make sense

Tuesday, July 26, 2022

Chris Lehrter 1:05 PM

ok done, pull request created for NB-8

Chris Lehrter 1:33 PM

I've created a draft of a class diagram that might help on the structure of the code:

[PNG file: **newbank.png**]

Database consists of customers, which have accounts, which have top ups. Already I see we might need to add a 'transactions' part to this for NB-14

Chris Lehrter

I've created a draft of a class diagram that might help on the structure of the code:

Posted in #04_software-engineering-2-group-4| 7/26/22, 1:33 PM

Sergey Dmitriev 7/26/22, 1:38 PM

I'd recommend to replace this to the related task in Trello board:)

Chris Lehrter 7/26/22, 1:38 PM

done :slightly_smiling_face:

Chris Lehrter 1:40 PM

These files are editable png's for [Draw.io](https://draw.io), so if anyone would like to make their own changes you can download, open in drawio and edit

[+1] (1):

rturo20

Thursday, July 28, 2022

sammargetsam 5:27 AM

is this the expected result for the terminal? or should this be shown in the console

[PNG file: **image.png**]

Sergey Dmitriev 7/28/22, 6:58 AM

yes, this looks like you have successfully started the application

sammargetsam 7/28/22, 7:27 AM

ok , I've done some commits on github, is that with you now for review?

[PNG file: **image.png**]

Sergey Dmitriev 7/28/22, 7:32 AM

I still see no PR :slightly_smiling_face:

check if you do same steps:

https://www.youtube.com/results?search_query=github+create+pull+request+

sammargetsam 7/28/22, 7:35 AM

my bad! I confused 'commit's with 'pull request' I thought commit allowed you to see it, hit the green button now

Sergey Dmitriev 7/30/22, 2:01 PM

@sammargetsam I have approved your PR. You can now merge it into the main branch. I'm also able to merge it, so let me know if you have any problems with it :wink:

Friday, July 29, 2022

rturo20 12:06 PM

@Ibrahim Dirar Thanks for letting us know.

Sunday, July 31, 2022

rturo20 1:41 PM

Thanks **@Chris Lehrter** Before we merge this pull-request (feature/NB-23-ObjectStructure), should we have scrum team members confirm that they are comfortable that we do so?

Artur Romanov 2:45 PM

I created a pull request with the new code allowing users to view transactions. Could you please review the pull request?

Currently, the users can view payment transactions. However, I could not test the code because I could not run a makePayment function in the client. Does the makePayment function work on your side when you type PAY with the request in the console?

rturo20 11:12 PM

Thanks **@Artur Romanov** . Clearly this code will conflict with **@Chris Lehrter** 's pull request. As noted by **@Ibrahim Dirar** , we should accept **@Chris Lehrter** ' s pull request and have other code adjusted to suit this. **@Artur Romanov @Sergey Dmitriev** are you ok with this approach?

Sergey Dmitriev 7/31/22, 11:29 PM

I agree with it.

rturo20 8/1/22, 2:54 AM

Thanks **@Sergey Dmitriev**. I will merge this afternoon gmt.

sammargetsam 3:08 AM

is anybody working on the command line user interface? I'm happy to try and help with this

rturo20 8/1/22, 5:20 AM

@sammargetsam Hi - I think **@Ben Mitchell** took this on but we haven't had a status update this week so not sure where it is up to. Perhaps check in with Ben.

Ben Mitchell 8/1/22, 6:21 AM

Hi **@sammargetsam @rturo20**, apologies i'm completing this today

rturo20 5:28 AM

As agreed I have merged the feature/NB-23-ObjectStructure into main. I am assuming the conflicts will be picked up by each of us as part of next week's sprint.

Please add your review on the week 4 sprint to <https://trello.com/c/dsRQdNL7>

Please let me know who would like to take over the Scrum Master role this week. Thanks

Ben Mitchell 6:33 AM

Hi all, looking to take up either product owner or scrum master in the next couple of weeks- I assume I can still complete tasks whilst doing either of these roles? Not contributed nearly enough for several external reasons but want to make sure i complete 3/4 tasks before the end of the project

Chris Lehrter 7:13 AM

I'm happy to product own (and I'll help with development too since we'll probably need all hands on deck this week!). **@Ben Mitchell** I'm happy for you to scrum master

rturo20 7:50 AM

Great **@Ben Mitchell** and **@Chris Lehrter** . Will assume that **@Ben Mitchell** is taking over the scrum master role from here. Happy to lean into development this week so pls let me know what you'd like me to take on. Otherwise - happy to select independently from the task list.

Wednesday, August 3, 2022

Ben Mitchell 6:37 PM

Hi **@Sergey Dmitriev**, need to submit a pull request but not a member of the github team. Username is Ben04051. I will submit as soon as i have access, I have created two separate tasks to the product backlog for null error with incorrect passwords and for a logout feature but just want to submit NB13 for now. Any issues let me know

Sergey Dmitriev 8/4/22, 8:17 AM

@Ben Mitchell the task NB-28 looks like a duplicate for NB-20.

Sergey Dmitriev 12:16 AM

Hi, **@Ben Mitchell** I have added you to collaborators in github.

[+1] (1):

Ben Mitchell

Saturday, August 6, 2022

Sergey Dmitriev 4:21 AM

Hi, **@Ibrahim Dirar**

is it possible to make this Slack channel public in order to add it to a text file which will be submitted ?

rturo20 8/6/22, 8:21 AM

I'm not sure how we do this either but agree we should try as I understand that this may contribute to the marking.

[+1] (1):

Sergey Dmitriev

Slackbot 8:18 AM

This message was deleted.

[+1] (2):

Sergey Dmitriev, Chris Lehrter

rturo20 8/7/22, 4:28 AM

Submitting NB-26 for review.

These changes allow STAFF users to:

- List all users. LISTUSERS prints a list of all users to the console in the format Customer, Username, Password, UserType
- Create new customers. CREATEUSER [customerName](#) [userName](#) [password](#)[userType](#)
- Delete a customer. DELETEUSER [customerName](#) [userName](#) [password](#)
- Edit a customer's password. EDITUSERPASSWORD [customerName](#) [userName](#) [existingPassword](#) [newPassword](#)
- Edit a customer's userName. EDITUSERNAME [customerName](#) [existingUserName](#) [password](#) [newUsername](#)
- protocol.txt also updated encompassing the changes above
- note: all changes made to base database (as that is what would happen in reality) with the customerData array list synchronised accordingly.

Saturday, August 6, 2022

Chris Lehrter 9:27 AM

Hey **@Sergey Dmitriev**, would you be able to help in merging NB-13 with the main code (i've already merged NB-20), I think you might be best placed to do it properly since it needs combining with the changes you made in NB-20. If you can't then don't worry I'll give it my best go!

Sergey Dmitriev 10:06 AM

Hi, **@Chris Lehrter** yes, I will be glad to help you. I will start in few hours.

[+1] (1):

Chris Lehrter

Sergey Dmitriev 12:42 PM

@Chris Lehrter NB-13 has been merged successfully

[+1] (1):

Chris Lehrter

Sunday, August 7, 2022

Artur Romanov 12:59 AM

Hi. I adjusted and implemented code for view transactions.

How about making a submission before Wednesday? We could prepare a file and test the links.

[+1] (2):

Sergey Dmitriev, Chris Lehrter

@Ben Mitchell Could you please create a sprint review card on Trello in the sprint list?

[white_check_mark] (1):

Ben Mitchell

rturo20 3:55 AM

@Ben Mitchell or **@Chris Lehrter** as scrum master and product owner will one of you make the submission for Coursework 1 on Wednesday?

Ben Mitchell 4:08 AM

Hi Dan, yes i will submit it- believe as scrum master it's my responsibility

[+1] (2):

rturo20, Chris Lehrter

rturo20 8/7/22, 4:25 AM

Thanks **@Ben Mitchell**

Chris Lehrter 4:51 AM

@Ben Mitchell FYI I'm still working on the Direct Debit and micro loan aspects of the project. I'm off work this coming week so happy to help with any last changes/fixes to the code over the next couple days

Also, should we have the functionality to log out? I see there is an option in the prompt but not sure if the code has been written for it

Sergey Dmitriev 4:59 AM

I'm currently working on it

[heart] (1):

Chris Lehrter

[+1] (1):

rturo20

Artur Romanov 12:15 PM

To share the link for Trello, the Trello board has either be made public, so that anyone on the internet including Google can see the board, or the lecturers have to request to become members of the Trello board. Which approach is better? Making the Trello board public would be easier to access the Trello board for the lecturers.

Monday, August 8, 2022

rturo20 9:40 AM

I think we should make it public. We could always privatise it again after Coursework 1 is marked?

Sergey Dmitriev 10:42 AM

I agree with Dan. Our Github is public and I think It would be great to have Slack channel and Trello board public also.

Artur Romanov 12:31 PM

Ok. I made Trello board public. We could make the Trello board private again after Coursework 1. Regarding the Slack channel, I am not sure if it is possible to do this because we are using a channel for our group in a workspace. If we had a workspace for our group, then it could be made public.

Please find a link to a draft file with the links to be submitted. You can edit it and test the links. In the guidelines it is indicated to submit a text file, but I am not sure whether txt or docx file is required.

<https://docs.google.com/document/d/1fux57C-wkVHtOwr6CUDp8kydP4PpsD1VGyFVOBWF4/edit>

Sergey Dmitriev 12:42 PM

As for Slack, I see 2 options which we can try:

1. send an invitation link to all module coordinators or at least to Luke Worgan
2. try Backupery (

<https://www.backupery.com/how-to-convert-a-private-channel-to-public-on-slack/#:~:text=Currently%2C%20there%20is%20no%20option,privacy%20settings%20of%20the%20channel.>)

How to convert a private channel to public on Slack - Backupery

Currently, there is no option to convert private channels to public ones on Slack. However, it is possible to do this by exporting the private channel from your workspace and then importing it back changing the privacy settings of the channel. Here is how to do that. At this moment, this method does not support ... Continue reading "How to convert a private channel to public on Slack"

Written by

Denis

Est. reading time

6 minutes

Sergey Dmitriev 4:11 PM

I have created PR for NB-28 (creating logout fn)

<https://github.com/MrDmitriev/new-bank/pull/23/files>

and I need somebody to review and approve it :slightly_smiling_face:

Slack2PDF 11:38 PM

@Slack2PDF has joined the channel