**Sprint Backlog**

Group Members:

Raimonds Vacietis

Alexandru Malai

Eduard

Adrian

**Sprint 1 Day 1**

**16/07/2021**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Requirement ID | Requirement Description | Actors | Estimated Time | Actual Time | Responsibility | Status |
| 1 | Rent a Car: Client/server classes | C | 6 | - | Alexandru | In Progress |
| 1 | Rent a Car: Create ER Diagram | C | 1 | 1 | Raimonds | Done |
| 1 | Rent a Car: Expand class diagram | C | 1 | 1 | Raimonds | Done |
| 1 | Rent a Car: UI Deign | C | 2 | 2 | Alexandru | Done |
| 1 | Rent a Car: create database | C | 2 | - | Raimonds | In Progress |
| 1 | Rent a Car: Test | C | 2 | - | Alexandru | Not started |
| 1 | Rent a Car: Documentation | C | 2 | 2 | Alexandru | Done |
|  |  |  |  |  |  |  |

Topics Discussed:

* We have a basic class diagram but needs to be looked over
* Cannot contact Adrain so will not give him any tasks yet
* Button to create a new Team in Microsoft teams is not available
* Must figure out google docs if teams do not work
* Will make the system using RMI

**Sprint 1 Day 2**

**19/07/2021**

Topics Discussed:

* RMI or Sockets
* What values do we need in the database, and do they match what is in the program?
* Must know what other diagrams we need to make

**Sprint 1 Day 3**

**20/07/2021**

Topics Discussed:

* Client/ server side is almost finished
* Got the correct templates and guidelines for reports
* Probably will have to focus on the login next sprint and other things

**Sprint review**

We were hoping that Adrian would at some point show interest in the project, but we have received no word from him. Overall sprint was okay, but only 2 people working is discouraging. Not sure if we will be able to finish a lot during the sprint and how the roles of Scrum master, Product owner and team will be. At least we have a base for a system.

**Sprint Retrospective**

Currently if only 2 people will work on the project a higher workload will have to be taken. Progress needs to be faster, and requirements will either be merged or delimited depending on how much time it will take. As the first sprint is a bit too small and we must work more

**Sprint 2 Day 1**

**21/07/2021**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Requirement ID | Requirement Description | Actors | Estimated Time | Actual Time | Responsibility | Status |
| 1 | Rent a Car: Client/server classes | C | 6 | 8 | Alexandru | Done |
| 1 | Rent a Car: create database | C | 2 | 2 | Raimonds | Done |
| 1 | Rent a Car: Test | C | 2 | 2 | Alexandru | Done |
| 16 | Login: Implementation | C | 6 | 7 | Raimonds | Done |
| 16 | Login: Testing | C | 2 |  | Raimonds | Not started |
| 16 | Login: Update class diagrams, ER diagram | C | 2 | 2 | Alexandru | Done |
| 16/19 | Login: Documentation | C/E | 4 | 3 | Alexandru | Done |
| 19 | Login: Implementation | E | 3 |  | Raimonds | In Progress |
| 19 | Login: Update class diagrams, ER diagram | E | 2 | 1 | Alexandru | Done |
| 19 | Login: Testing | E | 2 |  | Raimonds | Not Started |
| 16/19 | Login: Database connection | E/C | 3 |  | Alexandru | In Progress |

Topics Discussed:

* Sending docs to each other is tedious, google docs
* Going to see how much we can do during this sprint compared to the last
* The SEP example case is good to look at if we are lost
* Requirement 2 falls under something like testing but will leave it

**Sprint 2 Day 2**

**22/07/2021**

Topics Discussed:

* Got Microsoft teams finally working, had to contact the university
* Moving files to Microsoft teams
* Problem with login implementation, lack of knowledge

**Sprint 2 Day 3**

**23/07/2021**

Topics Discussed:

* Raimonds low morale
* What are we going to be able to finish?
* Must make some other diagrams – sequence diagrams and so on
* Had a meeting with Adrian, he will join us along side Eddie from the previous semester, his group is not doing anything and sked to join us

**Sprint review**

The first requirement is finished, and Login is almost complete as well, but not tested and some parts need to be looked over. Some Requirements in the Product backlog are going to reassessed.

**Sprint Retrospective**

The workload prior to sprinting seemed doable but the lack experience made it more difficult than anticipated. We must tell each other if the progress on requirements s not going well and if one of us needs help. Could have been a better sprint but moving forward we will communicate more and hopefully this helps with the progress.

**Sprint 3 Day 1**

**26/07/2021**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Requirement ID | Requirement Description | Actors | Estimated Time | Actual Time | Responsibility | Status |
| 16 | Login: Testing | C | 2 | 2 | Alexandru | Done |
| 19 | Login: Implementation | E | 3 | 4 | Raimonds & Alexandru | Done |
| 19 | Login: Testing | E | 2 | 2 | Raimonds & Alexandru | Done |
| 16/19 | Login: Database connection | E/C | 3 | 3 | Alexandru | Done |
| 2 | Rent several cars: Implementation | C | 4 | 5 | Alexandru & Raimonds | Done |
| 2 | Rent several cars: Update Class diagram, ER diagram, GUI | C | 2 | 2 | Raimonds | Done |
| 2 | Rent several cars: Database connection | C | 2 | 3 | Raimonds | Done |
| 2 | Rent several cars: Testing | C | 2 | 3 | Adrian | Done |
| 2 | Rent several cars: Documentation | C | 1 | 2 | Eddie | Done |
| 2 | Rent several cars: Update database | C | 2 | 3 | Alexandru | Done |
| 10 | Place to Take & Return car: Implementation | C | 8 |  | Raimonds & Alexandru | In Progress |
| 10 | Place to Take & Return car: Update Class diagram, ER diagram, GUI | C | 2 | 2 | Adrian | Done |
| 10 | Place to Take & Return car: Database connection | C | 2 |  | Eduard | In Progress |
| 10 | Place to Take & Return car: Testing | C | 2 |  | Adrian | Not started |
| 10 | Place to Take & Return car: Documentation | C | 1 | 1 | Eduard | Done |

Topics Discussed:

* We will finish the requirements from previous sprint first together
* No idea how to make the period function (requirement 3) work
* If we are in stuck, talk to each other
* Not going to give big requirements to the George and Adrian yet, they must understand the SEP

**Sprint 3 Day 2**

**27/07/2021**

Topics Discussed:

* Must keep updating and talking with one another, progress is better
* Will later today show some code through discord
* Discussing the system and how it will work
* During next sprint they can work more, but right now just understand what we are doing

**Sprint 3 Day 3**

**28/07/2021**

Topics Discussed:

* So far progress is good, might not finish the 10th requirement
* We need to make some sequence diagrams during the next sprint
* Unable to test because implementation side is not complete
* Some requirements are not clear to everybody and will be pushed back, some adjusted
* Adding new people is hard since what makes sense to Raimonds and Alexandru is different for the Adrian and Eddie
* We do not want to rework the whole Product backlog just adjust

**Sprint review**

Close to finishing all the requirements set out this sprint. To make progress faster a lot of communication was used and had to integrate new members. Since we started as 2 members, we decided to work together on a lot more things and work on some tasks together. In terms of diagrams everything is up to date and so is the product backlog, but we are missing other diagrams.

**Sprint Retrospective**

With the addition of new members, it has been a large adjusting period. Alexandru and Raimonds Worked together a lot to finish the requirements from the previous sprint. Hopefully during the upcoming sprint, the new members can have a bigger role in coding and everything else. We must clear up any questions, so everybody is as much on the same page as possible and contributes to the SEP.

**Sprint 4 Day 1**

**29/07/2021**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Requirement ID | Requirement Description | Actors | Estimated Time | Actual Time | Responsibility | Status |
| 10 | Place to Take & Return car: Implementation | C | 7 | 7 | Raimonds & Alexandru | Done |
| 10 | Place to Take & Return car: Database connection | C | 2 | 1 | Eduard | Done |
| 10 | Place to Take & Return car: Testing | C | 2 | 2 | Adrian | Done |
| 9 | Specify Car Description: Implementation | E | 5 | 5 | Alexandru | Done |
| 9 | Specify Car Description: Update/ Rework GUI side plus view models | E | 3 | 3 | Eduard | Done |
| 1/19/ 16/ 11/ 9 | Update Class diagrams, make activity diagrams | E/C | 2 | 2 | Eduard | Done |
| 16/19 | Login: sequence diagram | E/C | 2 | 3 | Raimonds | Done |
| 9 | Specify Car Description: Database connection, update database, ER diagram | E | 2 |  | Raimonds | In progress |
| 9 | Specify Car Description: Testing | E | 2 | 2 | Alexandru | Done |
| 11 | Provide Place to Take & Return cars: Implementation | E | 5 | 4 | Adrian | Done |
| 11 | Provide Place to Take & Return cars: Database connection, update database, ER diagram | E | 2 | 1 | Eduard | Done |
| 11 | Provide Place to Take & Return cars: Testing | E | 2 |  | Adrian | In progress |
| 11 | Documentation | E | 2 | 2 |  | Done |
| 11 | Provide Place to Take & Return cars: Class Diagram | E | 1 | 1 | Alexandru | Done |

Topics Discussed:

* With some of the requirements we do not know how to make it work so either delimit it or push back or experiment with it in our free time
* Going to create a few activities diagram and sequence diagram

**Sprint 4 Day 2**

**30/07/2021**

Topics Discussed:

* Testing discussion
* Last Sprint no coding only documenting
* Let us not do some of requirements, like rental period and so on, too complex, and too late to implement

**Sprint 4 Day 3**

**02/08/2021**

Topics Discussed:

* Have a group call later
* Burndown chart needs to be updated
* Some Docs need to have everybody’s name or signature

**Sprint review**

More requirements regarding renting are expanded upon. A lot of discussions on Messenger and Discord regarding various parts of the tasks that each of us must do.

**Sprint Retrospective**

Progress is going well and with the amount of people that we have it is going faster and people are less stressed because not as much responsibility is on one person. Hopefully, we will not spend any more time going over things and just focusing on the project. We might have messed up our requirements because some of them seem too complicated to finish. Moving forward there will be less stuff going over unless there are questions.

**Sprint 5 Day 1**

**03/08/2021**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Requirement ID | Requirement Description | Actors | Estimated Time | Actual Time | Responsibility | Status |
| 9 | Specify Car Description: Database connection, update database, ER diagram | E | 2 | 2 | Raimonds | Done |
| 11 | Provide Place to Take & Return cars: Testing | E | 2 | 2 | Adrian | Done |
| 17 | Edit personal info: Implementation | C | 5 | 5 | Eduard | Done |
| 17 | Edit personal info: Database connection | C | 2 | 2 | Raimonds | Done |
| 17 | Edit personal info: Testing | C | 2 |  | Alexandru | In Progress |
| 17 | Edit personal info: Class diagram | C | 1 | 1 | Alexandru | Done |
| 4 | Choose type of car: Implementation | C | 4 | 3 | Alexandru | Done |
| 4 | Choose type of car: Update GUI, view model | C | 2 | 2 | Eduard | Done |
| 4 | Choose type of car: Testing | C | 1 | 2 | Raimonds | Done |
| 4 | Choose type of car: Documentation | C | 1 | 1 | Raimonds | Done |
| 4 | Choose type of car: Database connection, update database, diagrams | C | 2 | 2 | Adrian | Done |
| 12 | Add new Cars: Implementation | E | 6 |  | Eduard | In progress |
| 12 | Add new Cars: GUI and View model | E | 3 |  | Adrian | In progress |
| 12 | Add new Cars: Testing | E | 1 |  | Eduard | Not started |
| 12 | Add new Cars: Update database, Database connection, Diagrams | E | 2 |  | Adrian | In Progress |
| 12 | Add new Cars: Documentation | E | 1 | 1 | Raimonds | Done |

Topics Discussed:

* Must push to do as many requirements as possible
* Going to mark red the requirements that we may not do
* Sprint backlog needs to be gone over and polished

**Sprint 5 Day 2**

**04/08/2021**

Topics Discussed:

* Some of us will be busy for the upcoming few days
* Some issues with editing personal information

**Sprint review**

**Sprint 5 Day 3**

**05/08/2021**

Topics Discussed:

* Not going to be able to finish the requirement, we must do it next sprint
* Next sprint is the last with coding and then purely focus on Documentation and going over things
* Let us try to not make any plans in the upcoming weeks cause deadline is coming
* Hopefully, next sprint everybody will be there

**Sprint review**

People got busy and were unable to finish one of the requirements, some testing issues appeared but hopefully they are resolved. We are going to be done with implementation next sprint so we better finish something.

**Sprint Retrospective**

Underachieved with this sprint. Hard to plan split tasks if people had previous agreements outside of studies. Must Focus on the last few sprints and then everybody can do whatever the fuck they want.

**Sprint 6 Day 1**

**06/08/2021**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Requirement ID | Requirement Description | Actors | Estimated Time | Actual Time | Responsibility | Status |
| 17 | Edit personal info: Testing | C | 2 | 2 | Alexandru | Done |
| 12 | Add new Cars: Implementation | E | 6 | 6 | Eduard | Done |
| 12 | Add new Cars: GUI and View model | E | 3 | 3 | Adrian | Done |
| 12 | Add new Cars: Testing | E | 1 | 1 | Eduard | Done |
| 12 | Add new Cars: Update database, Database connection, Diagrams | E | 2 | 2 | Adrian | Done |
| 8 | Set car type: Implementation | E | 4 | 4 | Adrian | Done |
| 8 | Set car Type: update GUI, View model, class diagram | E | 2 | 2 | Alexandru | Done |
| 8 | Set car type: Database connection, database update | E | 2 | 2 | Eduard | Done |
| 8 | Set car Type: Testing and documentation | E | 2 | 2 | Raimonds | Done |
| 13 | Which cars are for rent: Implementation | E | 6 | 5 | Alexandru | Done |
| 13 | Which cars are for rent: update GUI, View model, class diagram | E | 3 | 3 | Eduard | Done |
| 13 | Which cars are for rent: Database connection, database update | E | 2 | 2 | Alexandru | Done |
| 13 | Which cars are for rent: Testing and documentation | E | 2 | 2 | Raimonds | Done |
| 18 | Remove Cars: Implementation | E | 4 | 3 | Raimonds | Done |
| 18 | Remove Cars: GUI, View Model | E | 2 | 2 | Adrian | Done |
| 18 | Remove Cars: Database connection | E | 2 | 2 | Alexandru | Done |
| 18 | Remove Cars: Testing and documentation | E | 2 | 2 | Alexandru | Done |
| 18 | Activity diagram | E | 1 | 1 |  | Done |

Topics Discussed:

* Do we need activity diagrams for all use cases? How many do we need in the report?
* Must go over the guidelines and SEP example case for questions

**Sprint 6 Day 2**

**09/08/2021**

Topics Discussed:

* Managed to do a lot of implementations
* Small issue with database connection
* Some diagrams are behind

**Sprint review**

**Sprint 6 Day 3**

**10/08/2021**

Topics Discussed:

* Last spring, must wrap up everything today, people can mark it later when they are done

**Sprint review**

Lot of time had to be taken to complete tasks, but we managed to compete them to the best of our abilities. We are questioning if we did some of the implementation or testing correctly but it is too late for that now

**Sprint Retrospective**

Had satisfactory progress in terms of coding but some suspicions that we may have rushed things and are not as good as we hoped it would be. It is too late to worry about that now and we must accept what we did. Moving forward we should focus more on polishing and refining the reports and see what that leads us.

**Sprint 7 Day 1**

**11/08/2021**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Requirement ID | Requirement Description | Actors | Estimated Time | Actual Time | Responsibility | Status |
| - | Project report |  | ? | 12 | Everyone | Done |
|  | Process Report |  | ? | 12 | Everyone | Done |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

Topics Discussed:

* Everybody should write their personal reflections
* Double check Project description
* Add names to Docs

**Sprint 7 Day 2**

**12/08/2021**

Topics Discussed:

* Project description should be good
* Process and Project report needs to be looked over and polished

**Sprint review**

**Sprint 7 Day 3**

**13/08/2021**

Topics Discussed:

* Handin day

**Sprint review + Retrospective**

The overall project went well, the addition of new people made progress faster but at times a bit difficult. Moving forward sprints in the future will be more coordinated and communication on tasks should be frequent.

**Fin**