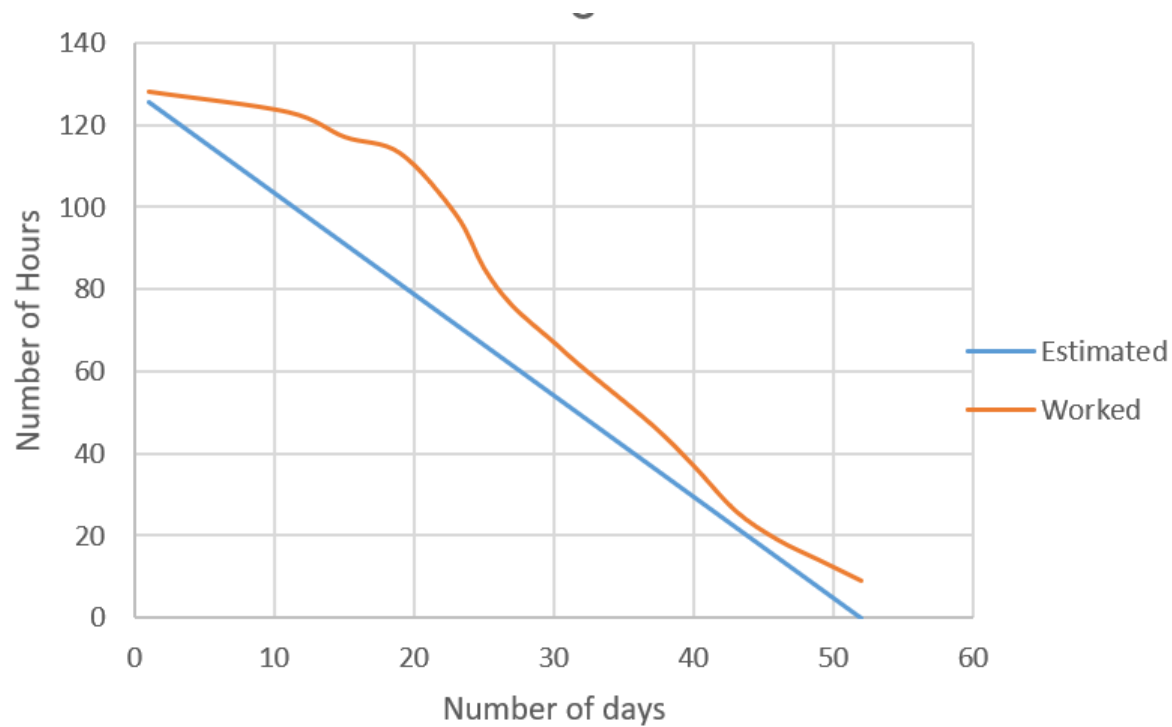


We documented all the instances at which we worked on coding the project. We chose to exclude documentation time estimates and recording in order to avoid bloating the number of hours spent on the project. The goal from this was to present well organised documentation of the sprints and to avoid bloating the size of the tables, also due to circumstances it was hard for the individual members of the group to meetup for the documentation part due to circumstances.

| User Story  | Time |
|---|------|
| As a user I want to be able to log in to the system.  | 6    |
| As a user I want to be registered.  | 4    |
| As an admin I want to be registered.  | 4    |
| As a Guest I want to be able to browse the website.   | 35   |
| As a user I want to be able to see a (display of information about) a city I searched for.  | 2    |
| As an admin I want to be able to upload pictures to the posts.  | 3    |
| As a user I want to be able to add one comment.   | 15   |
| As a user I want to be able to delete my comments.  | 4    |
| As a user I want to be able to have a Wishlist/save visited city.   | 6    |
| As an admin I want to remove comments that are problematic.   | 8    |
| As an admin I want to edit text(in a description).  | 8    |
| As a user I want to report comments.  | 9    |
| As a user I want to send messages to an Admin.  | 5    |
| As an admin I can choose to respond to messages from users.   | 3    |
| As an admin I want to close comments.   | 2    |
| As an admin I want to be able to approve/remove reported comments (The admin will be able to remove the comment from the reported comments database). | 5    |
| As a user I want to be able to add star reviews with my comments.   | 5    |
| As a user I want to get verified as a businessman.  | 4    |
| Total Hours   | 128  |



Sprint 1:

Start date: 06/04/2023

End date: 07/04/2023

Working on:

| User Story   | Time |
|--|------|
| As a user I want to be able to log in to the system. | 6    |
| As a user I want to be registered.                   | 4    |
| As an admin I want to be registered.                 | 4    |
| Total Hour   | 14   |

| Task   | Time | Status  | Done by:                           |
|--|------|---------|------------------------------------|
| User log in logic in the c# server(Business logic server)    | 2    | Done.   | Lucija<br>And<br>Ameya<br>And Joan |
| Register as a user in the c# server(Business logic server)   | 2    | Done.   | Lucija<br>And<br>Ameya<br>And Joan |
| Register as an admin in the c# server(Business logic server) | 1/2  | Failed. | Lucija<br>And<br>Ameya<br>And Joan |

4,5 hours

Sprint 2:

Start date: 17/04/2023

End date: 21/04/2023

Working on: Reviews and report part1

| User Story  | Time |
|---|------|
| As a user I want to be able to add one comment.             | 15   |
| As a user I want to be able to delete my comments.          | 2    |
| As an admin I want to remove comments that are problematic. | 4    |
| As a user I want to report comments.                        | 9    |
| As a user I want to send messages to an Admin.              | 5    |
| As an admin I want to close comments.                       | 2    |
| Total Hours   | 37   |

| Task   | Time | Status | Done by:                  |
|--|------|--------|---------------------------|
| Create the business logic for review in the c# server(adding and deleting and getting) | 4    | Done.  | Joan and Ameya and Lucija |
| Create business logic for report in the c# server(adding and deleting and getting)     | 2    | Done.  | Joan and Ameya and Lucija |

### 6 Hours

**Note:** managed to create the business logic for review and report in C#. The features will be worked on and revamped in the future.

Sprint 3:

Start date: 23/04/2023

End date: 27/04/2023

Working on: City implementation in c#

| User Story   | Time |
|--|------|
| As a Guest I want to be able to browse the website.            | 35   |
| As an admin I want to be able to upload pictures to the posts. | 3    |
| Total Hours  | 38   |

| Task   | Time | Status | Done by:                  |
|--|------|--------|---------------------------|
| Create the business logic for city in the c# server(adding and deleting and getting) | 4    | Done.  | Joan and Ameya and Lucija |

**4 Hours**

Sprint 4:

Start date: 27/04/2023

End date: 01/05/2023

Working on: database for user construction

| User Story  | Time |
|---|------|
| As a user I want to be able to see a (display of information about) a city I searched for.  | 2    |
| As an admin I want to be able to upload pictures to the posts.  | 3    |
| As a user I want to be able to delete my comments.  | 4    |
| As an admin I want to close comments.   | 2    |
| As an admin I want to be able to approve/remove reported comments (The admin will be able to remove the comment from the reported comments database). | 5    |
| As a user I want to be able to add star reviews with my comments.   | 4    |
| Total Hours   | 20   |

| Task   | Time | Status | Done by:                  |
|--|------|--------|---------------------------|
| Created the database table for the user  | 4    | Done   | Lucija And Ameya And Joan |
| Created the DAO class and implemented methods relating to the user(gets, insert and delete). | 7    | Done   | Lucija And Ameya And Joan |
| Implemented the gRPC server  | 4    | Done   | Lucija And Ameya And Joan |

**15 Hours**

Sprint 5:

Start date: 01/5/2023

End date: 03/05/2023

Working on: implementing categories in the c# server.

| User Story  | Time |
|---|------|
| As a Guest I want to be able to browse the website. | 35   |

| Task                                | Time | Status | Done by:                  |
|-------------------------------------|------|--------|---------------------------|
| Implemented categories in c# server | 12   | Done   | Lucija And Ameya And Joan |
| tested the implemented categories   | 1    | Done   | Lucija And Ameya And Joan |

**13 hours**



Sprint 6:

Start date: 03/5/2023

End date: 05/05/2023

Working on: database implementation of the different tables

| User Story   | Time |
|--|------|
| As a Guest I want to be able to browse the website.  | 35   |
| As a user I want to be able to see a (display of information about) a city I searched for. | 2    |
| As an admin I want to be able to upload pictures to the posts.                             | 3    |
| Total  | 40   |

| Task                                       | Time | Status | Done by:                  |
|--|------|--------|---------------------------|
| Constructed the city table                 | 1    | Done   | Lucija And Ameya And Joan |
| Constructed the categories tables          | 2    | Done   | Lucija And Ameya And Joan |
| Implemented DAO methods for city           | 1    | Done   | Lucija And Ameya And Joan |
| Implemented DAO methods for the categories | 5    | Done   | Lucija And Ameya And Joan |

9 hours

Sprint 7:

Start date: 05/5/2023

End date: 08/05/2023

| User Story   | Time |
|--|------|
| As a Guest I want to be able to browse the website.  | 35   |
| As a user I want to be able to see a (display of information about) a city I searched for. | 2    |
| As an admin I want to be able to upload pictures to the posts.                             | 3    |
| Total  | 40   |

Working on: the service server for the gRPC server.

| Task   | Time | Status | Done by:                  |
|--|------|--------|---------------------------|
| Constructed the logic of the proto file  | 1    | Done   | Lucija And Ameya And Joan |
| Constructed the service server and implemented the different methods             | 5    | Done   | Lucija And Ameya And Joan |
| Tested the different methods with bloomrpc                                       | 1    | Done   | Lucija And Ameya And Joan |
| Fixed some errors regarding the server   | 1    | Done   | Lucija And Ameya And Joan |
| Added some methods for the user and fixed some of the methods regarding the user | 1    | Done   | Lucija And Ameya And Joan |

9 hours

Sprint 8:

Start date: 08/5/2023

End date: 10/05/2023

Working on: database implementation of the review and report

| User Story  | Time |
|---|------|
| As a user I want to be able to add one comment.   | 15   |
| As a user I want to be able to delete my comments.  | 4    |
| As an admin I want to close comments.   | 2    |
| As an admin I want to be able to approve/remove reported comments (The admin will be able to remove the comment from the reported comments database). | 5    |
| As a user I want to be able to add star reviews with my comments.   | 4    |
| Total Hors  | 30   |

| Task                                  | Time | Status | Done by:                  |
|---------------------------------------|------|--------|---------------------------|
| Review implemented in the java server | 3    | Done   | Lucija And Ameya And Joan |
| Report implemented in the java server | 3    | Done   | Lucija And Ameya And Joan |

6 Hours

Sprint 9:

Start date: 10/5/2023

End date: 13/05/2023

Working on: implemented the gRPC client in c#(achieved heterogeneity)

| Task   | Time | Status | Done by:                  |
|--|------|--------|---------------------------|
| Implemented the different gRPC clients for all of the features | 13   | Done   | Lucija And Ameya And Joan |
| Tested the implemented methods                                 | 1    | Done   | Lucija And Ameya And Joan |

14 Hours

Sprint 10:

Start date: 15/5/2023

End date: 18/05/2023

Working on: created different categories reviews instead of a unified review

| User Story  | Time |
|---|------|
| As a user I want to be able to add one comment.   | 15   |
| As a user I want to be able to delete my comments.  | 4    |
| As an admin I want to close comments.   | 2    |
| As an admin I want to be able to approve/remove reported comments (The admin will be able to remove the comment from the reported comments database). | 5    |
| As a user I want to be able to add star reviews with my comments.   | 4    |
| Total Hours   | 30   |

| Task  | Time | Status | Done by:                  |
|---|------|--------|---------------------------|
| Revamped the review feature by making a review feature for each category. | 7    | Done   | Lucija And Ameya And Joan |
| Tested the new review implementation                                      | 1    | Done   | Lucija And Ameya And Joan |
| Added the delete function for all the categories in the gRPC client       | 2    | Done   | Lucija And Ameya And Joan |

10 Hours

Sprint 11:

Start date: 18/5/2023

End date: 21/05/2023

Working on: implemented the blazor client

| User Story  | Time |
|---|------|
| As a Guest I want to be able to browse the website. | 35   |

| Task   | Time | Status | Done by:                  |
|--|------|--------|---------------------------|
| Implemented the http Clients for the city and the different categories | 5    | Done   | Lucija And Ameya And Joan |
| Implemented the view logic for the city and the different categories   | 5    | Done   | Lucija And Ameya And Joan |
| Tested the blazor client   | 1    | Done   | Lucija And Ameya And Joan |

11 hours

Sprint 12:

Start date: 21/5/2023

End date: 24/05/2023

Working on: implemented the blazor client for the categories reviews, and divided the DAO in java and made them more specialized for each feature, and added some unit testing in c# and java.

| User Story  | Time |
|---|------|
| As a user I want to be able to add one comment.   | 15   |
| As a user I want to be able to delete my comments.  | 4    |
| As an admin I want to close comments.   | 2    |
| As an admin I want to be able to approve/remove reported comments (The admin will be able to remove the comment from the reported comments database). | 5    |
| As a user I want to be able to add star reviews with my comments.   | 4    |
| Total Hours   | 30   |

| Task  | Time | Status | Done by:                  |
|---|------|--------|---------------------------|
| Implemented the categories reviews http clients | 2    | Done   | Lucija And Ameya And Joan |
| Implemented the categories reviews blazor views | 3    | Done   | Lucija And Ameya And Joan |
| Tested the implemented features                 | 1    | Done   | Lucija And Ameya And Joan |
| Divided the DAO in java based on the feature    | 1    | Done   | Lucija And Ameya And Joan |

7 Hours

Sprint 13:

Start date: 24/5/2023

End date: 27/05/2023

Working on: styling the views

| Task   | Time | Status | Done by:                  |
|--|------|--------|---------------------------|
| Styling the views in blazor                          | 2    | Done   | Lucija And Ameya And Joan |
| Integrating the views made with HTML with the system | 5    | Failed | Ameya and Zsolt           |

Sprint 14:

Start date: 27/05/2023

End date: 30/05/2023

Working on: styling the views

| Task   | Time | Status | Done by:                  |
|--|------|--------|---------------------------|
| Finishing the Documentation                          | 2    | Done   | Lucija And Ameya And Joan |
| Integrating the views made with HTML with the system | 5    | Failed | Zsolt                     |