TALLINN UNIVERSITY OF TECHNOLOGY
School of Information Technologies

Erik Johannes Keldrima 213311IADB

WEB APP FOR TRACKING FISH CATCHING

Project proposal

Supervisor: Andres Käver

Tallinn 2024

Author’s declaration of originality

I hereby certify that I am the sole author of this thesis. All the used materials, references to the literature and the work of others have been referred to. This thesis has not been presented for examination anywhere else.

Author: Erik Johannes Keldrima
[23.02.2024]

Table of contents

1 Introduction..... 4
2 Scope of work.....5
Appendix 1 - ERD Schema..... 6
Appendix 2 - Login page.....7
Appendix 3 - Spots view.....8
Appendix 4 - Caught fish page.....9
Appendix 5 - Add catch page..... 10

1 Introduction

Fish tracker app allows users to record their real life catches and also catches from fishing games. The idea came from a fishing game called Russian Fishing 4. Game has quite a big community and fishing spots are shared on its official discord server. Spots are shared by posting screenshots of the fish, equipment used and the location. This gets the job done of recording the catches, however, it is really card to later find older spots, big catches or even what tackle was used to catch a specific fish.

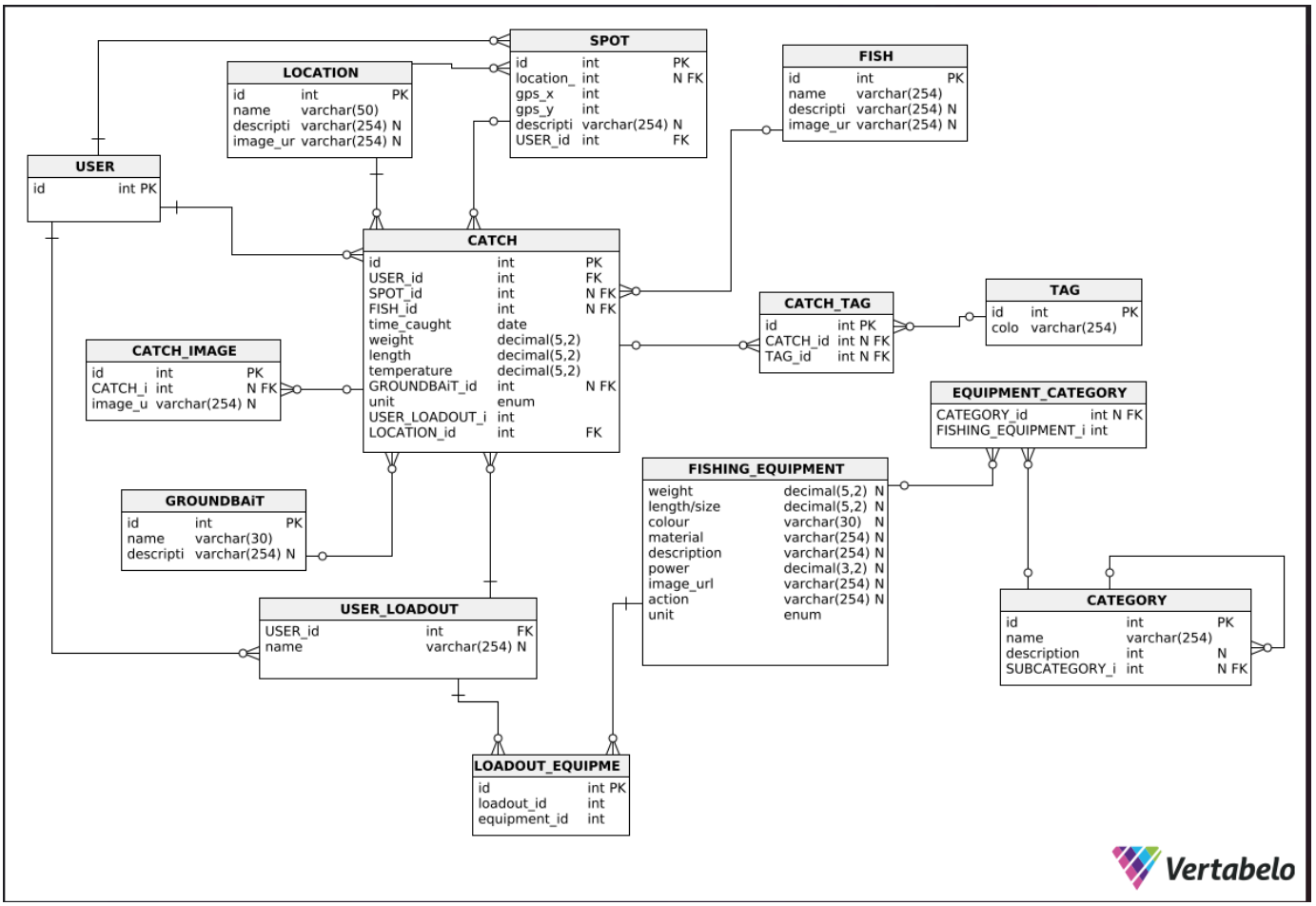
The web app under development should allow you to group fish and tackle used to catch it. Searching and sorting is also possible and saving the catch is also easier because users can select premade fishing loadouts to link to their catch. Adding screenshots/images is also possible.

To fulfill this work, the author will create an ERD schema, a database, and build application layers respectively to the lecturers requests and wishes.

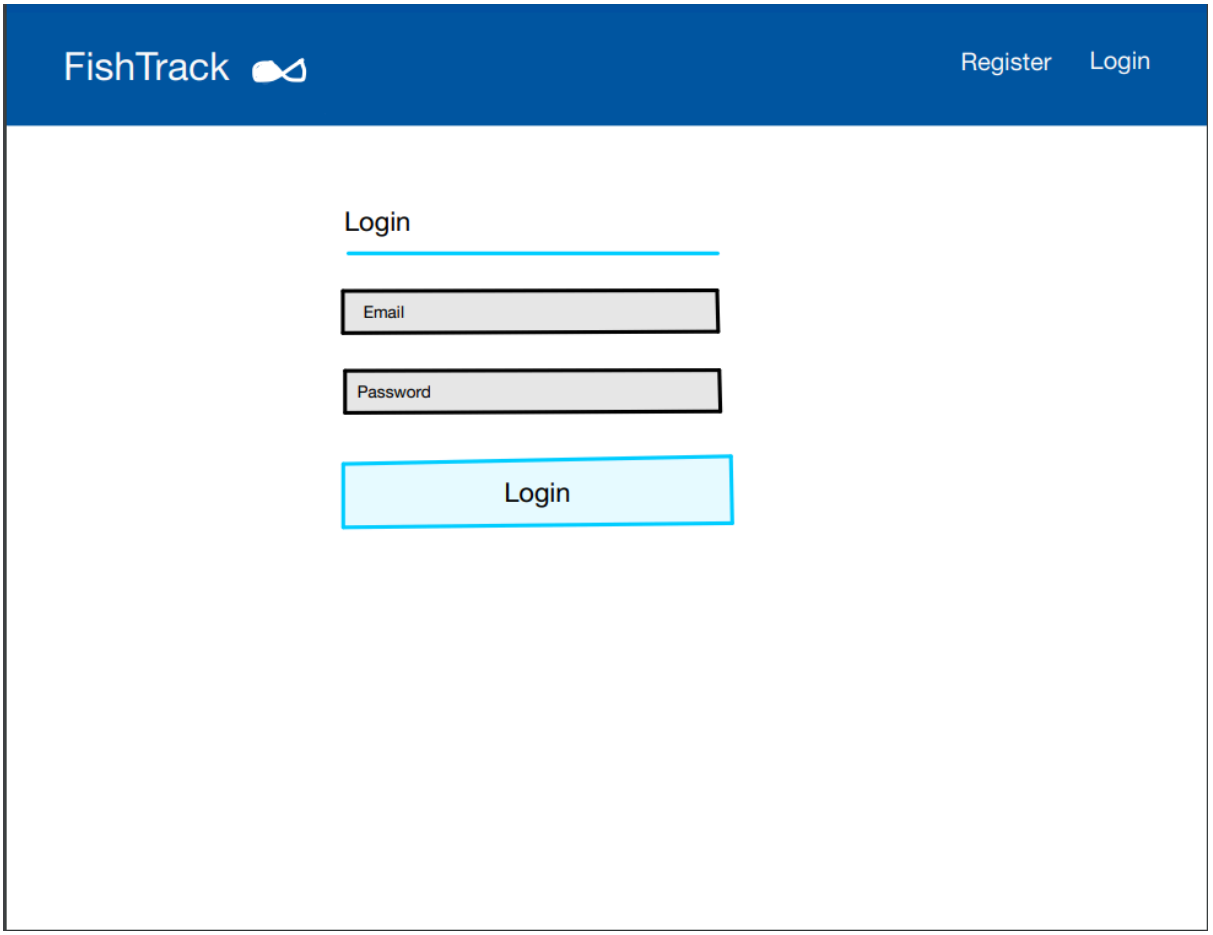
2 Scope of work

Users can add their own fishing equipment, mark their fishing spots and add their catches to them. It is also possible to move catches from one spot to another. It is possible to link groundbait and equipment used to specific catch to later sorting. Users can filter catches by weight, length, species name but also by tags which are custom made. Some examples of tags are: Personal best, trophy fish, super rare trophy. Users can add images of their catches and loadouts/baits. Every fish has its own description.

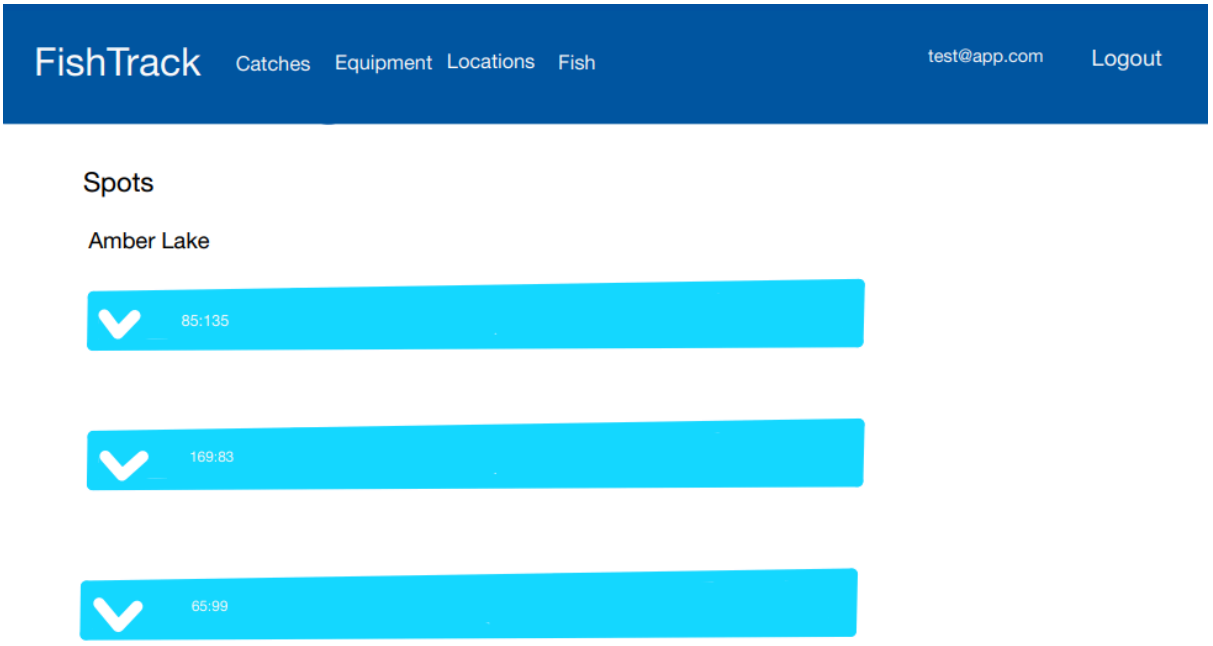
Appendix 1 - ERD Schema



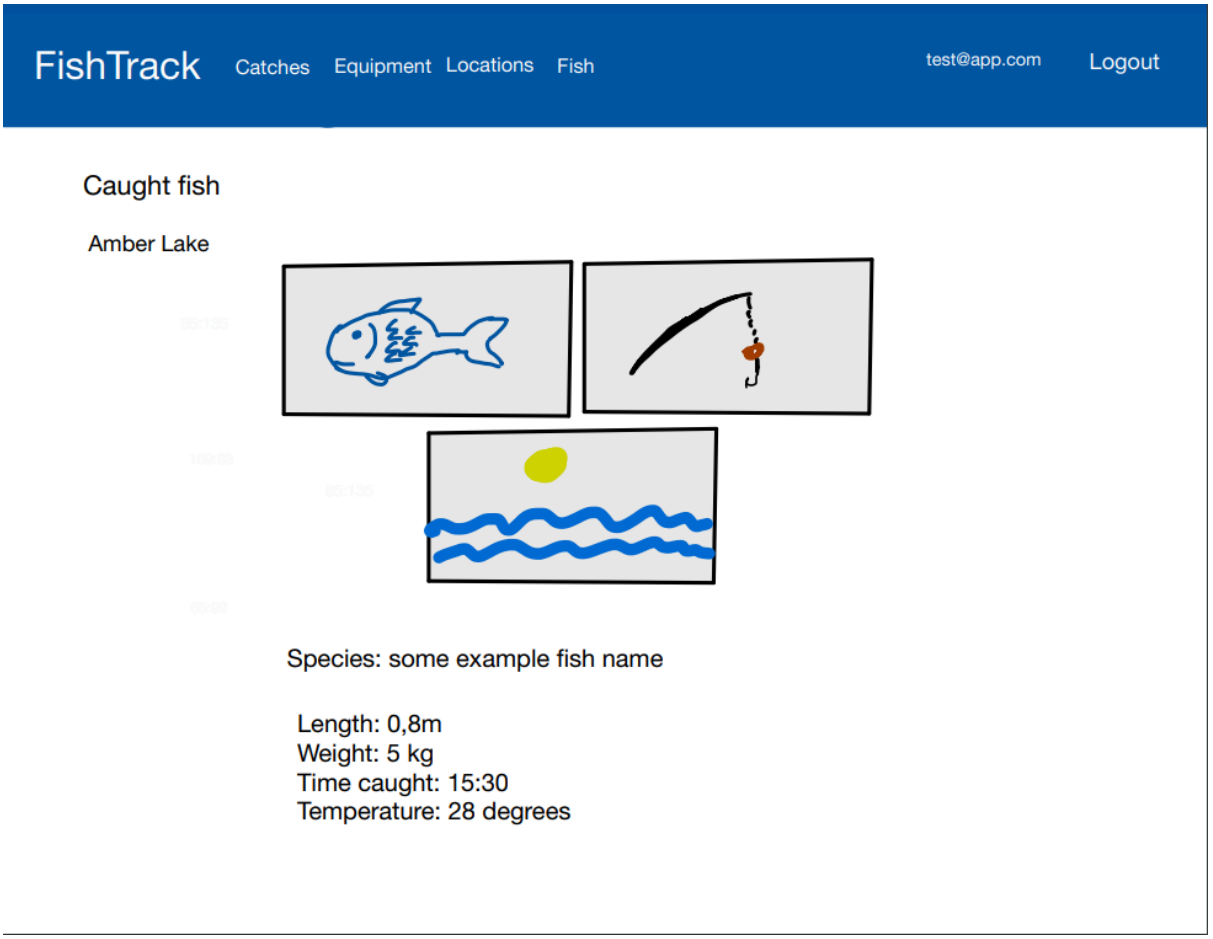
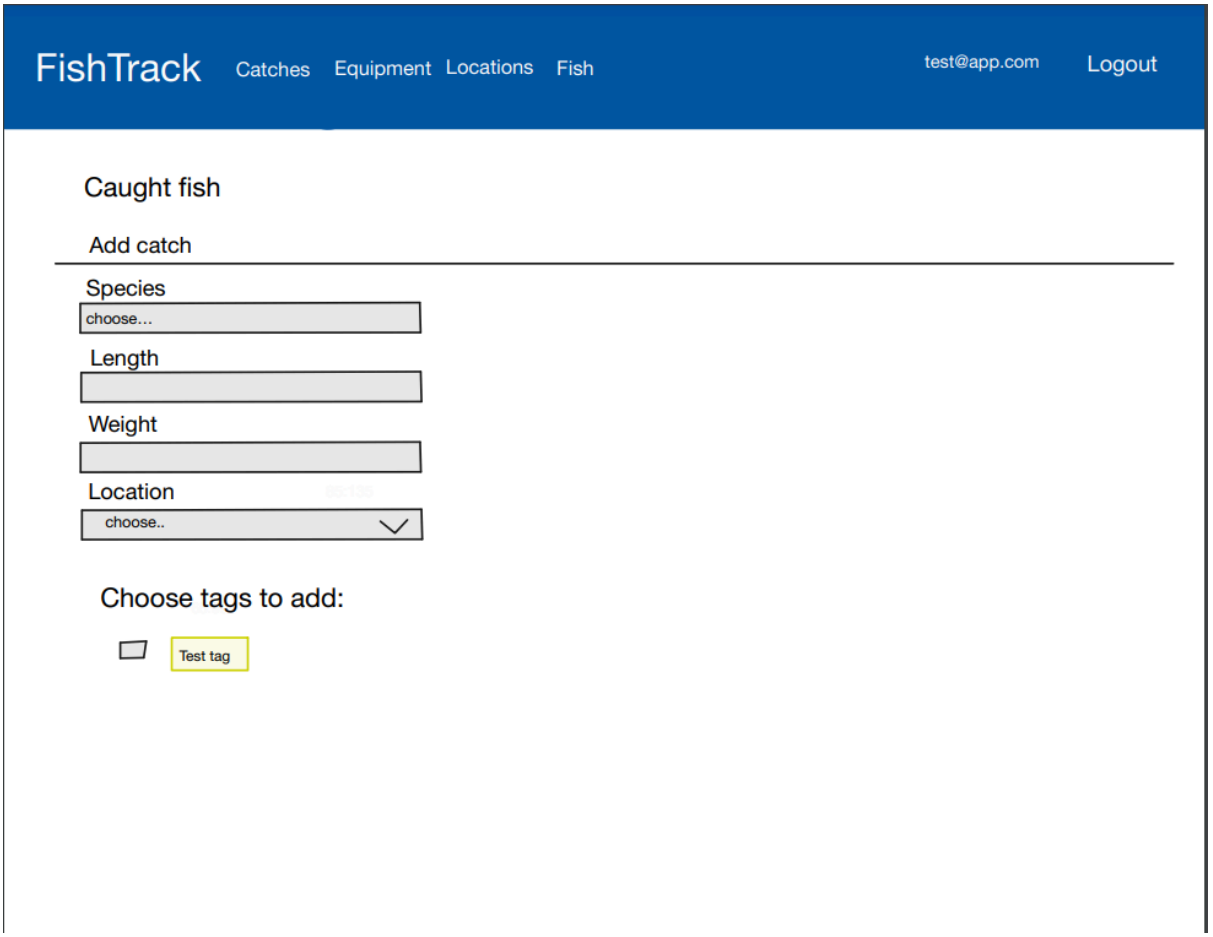
Appendix 2 - Login page



Appendix 3 - Spots view



Appendix 4 - Caught fish page



Appendix 5 - Add catch page