

Fishtank – App for managing Aquariums

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When caring for an aquarium – or even multiple aquariums – there are many factors that need to be accounted for in maintenance:

- Water parameters: pH, ammonia, nitrites, nitrates, etc.
- Water changes
- Feedings
- Plant upkeep
- Pests/parasites/illness

And many more...

Our app will let users keep log of the state and maintenance of their aquariums, while letting them share their own tanks and browse other people's tanks – encouraging share of knowledge in fish keeping.

Main features will include:

- Documenting maintenance tasks: water changes, feedings, plant upkeep...
- Logging results of water parameter tests
- Documenting different livestock in the tank – using external API for aquatic animals
- Following other users and viewing their tanks

Nice to have features:

- Care information for different livestock
- AI based identification of livestock/plants/pests/parasites/illness
- Forum for requesting help and recommendations from other users

In terms of user interface, these are the main screens:

- Login screen
- Aquarium info – view the last logged state of the tank
- Aquarium settings – for defining general tank info
- Adding new maintenance log
- View full history of tank
- Browse other users' tanks