

Orchard management app gui planning

COMP.6215 Graphical User Interface Programming



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# Concept

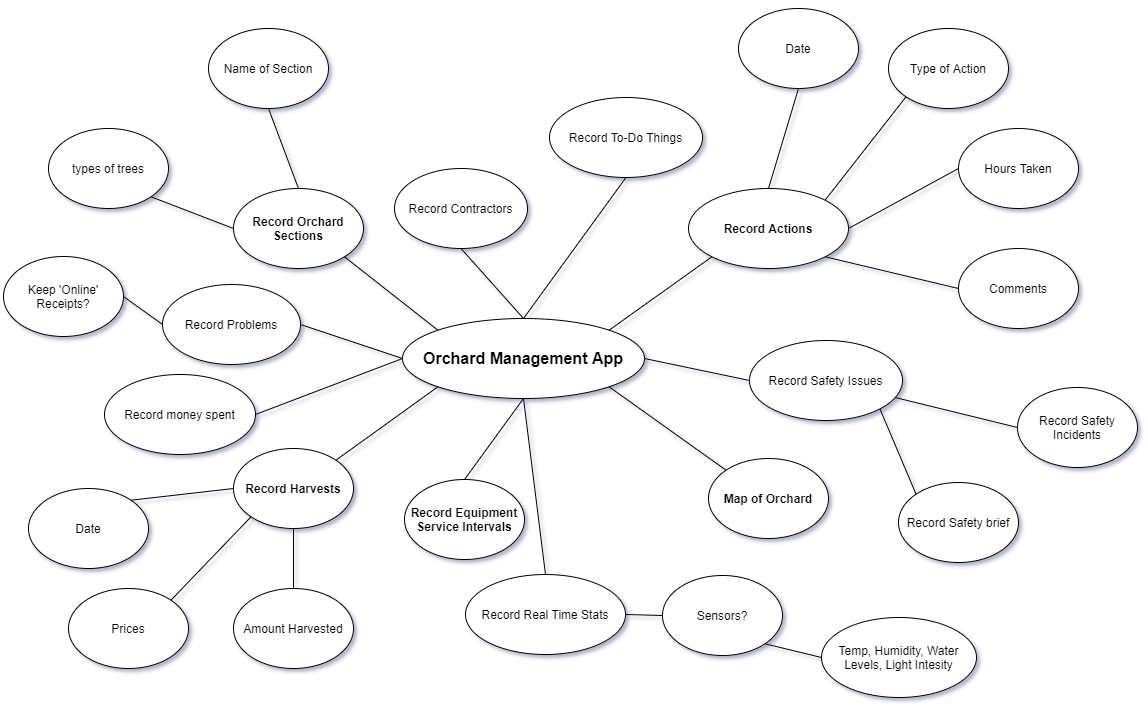
## Initial Idea

An Orchard Management App to help keep a tidy, and precise, log of everything happening to your orchard and saving this data into a database. This will make the data very usable and accessible in the future, with space for future development of the App. The App will be aimed at small to medium sized orchards that are looking for a simple but powerful way of recording their actions taking place on their orchard.

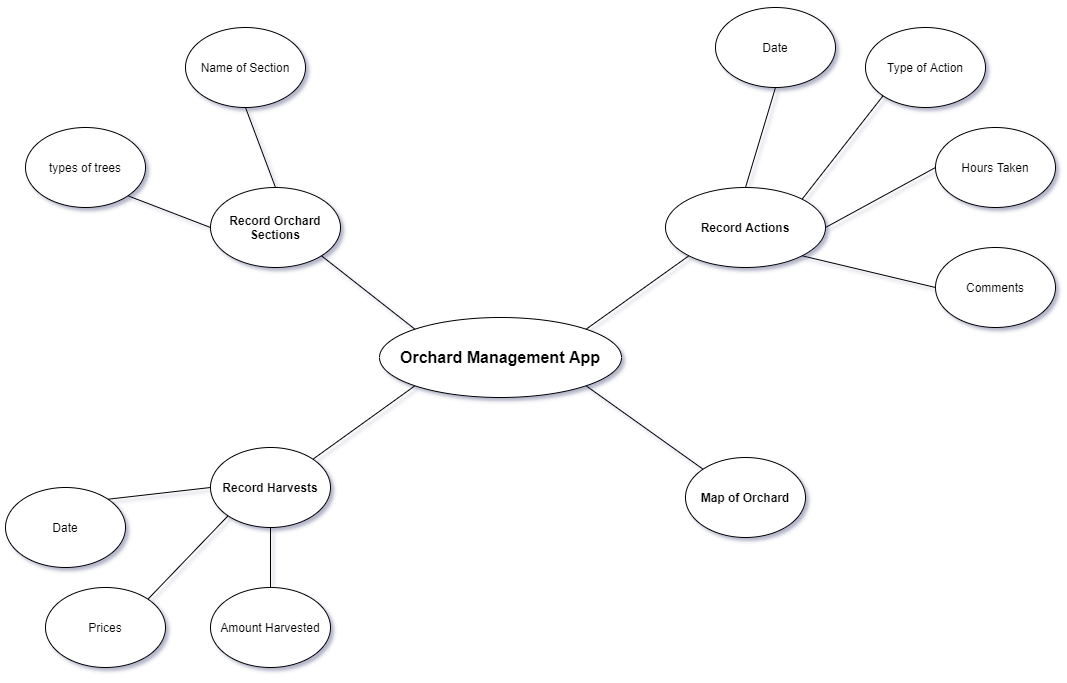
Some features of this App will include:

* A Main Map, displaying different sections and their names so identifying what parts of the land have what plants, what actions were made where, and other information is fast and simple.
* Saving Multiple ‘Sections’ of the orchard with information like their name, type of plants on this section, when they were planted, etc.
* Recording ‘Actions’ that will include things like spraying, weeding, fertilizing, pruning, etc. The App will also record things like dates, time, hours spent and any extra comments made by the owner/workers.
* Recording Harvests from the orchard. This will include things like the total amount of fruit picked, the price received per kg, dates when the orchard was picked as well as any comments from the owner/workers.

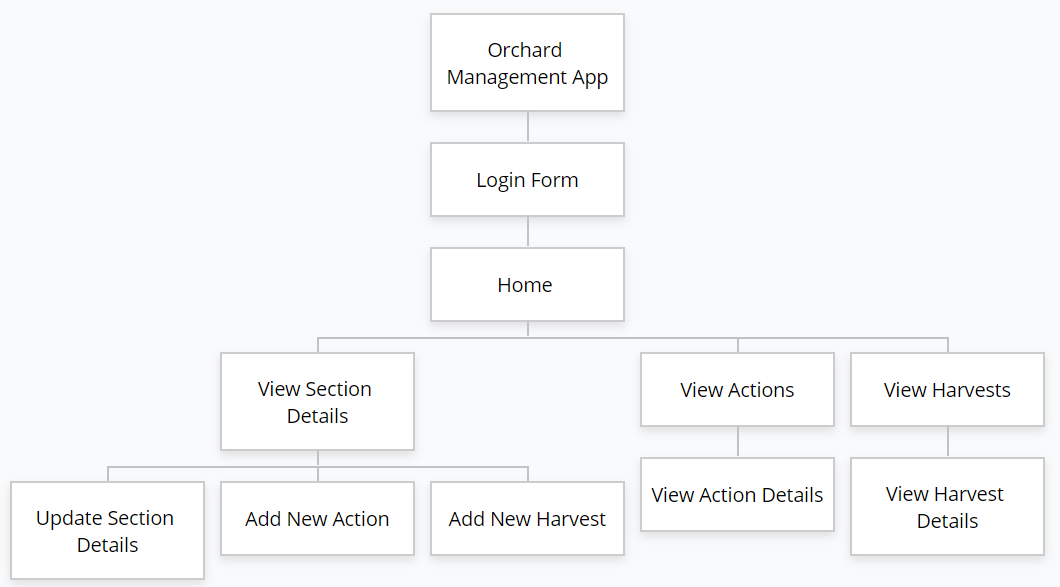
## Initial Mind Map



## Final Mind Map



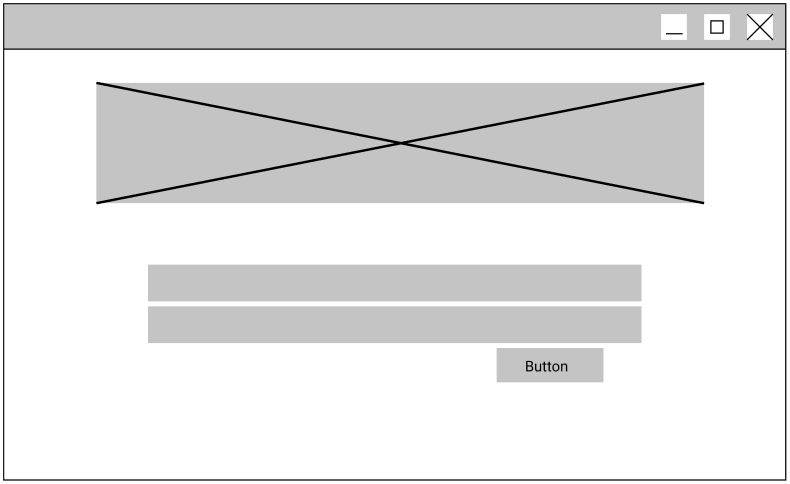
# Structure



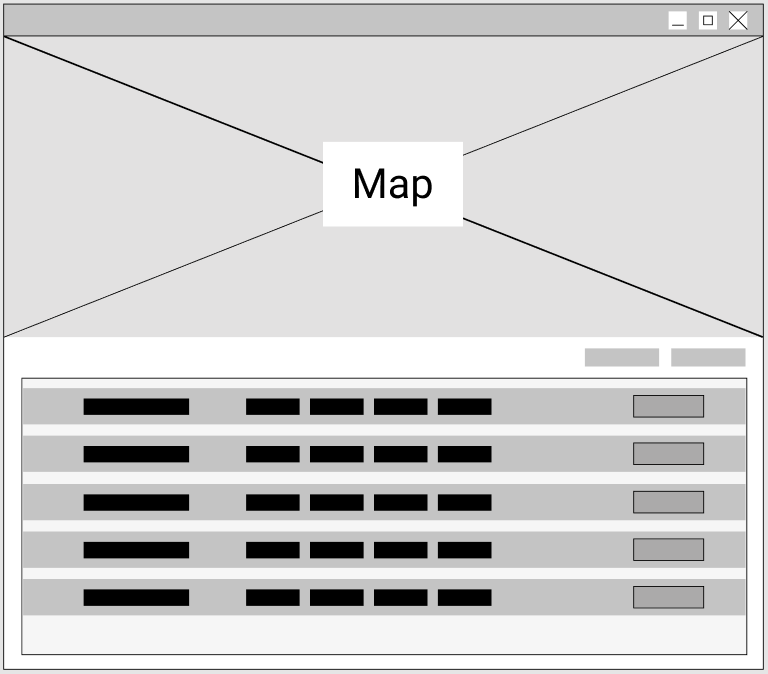
# Interaction

## Wire Frames

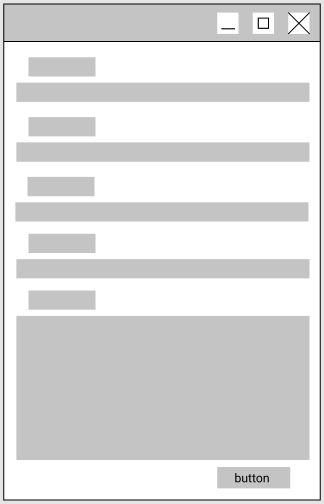
### Login



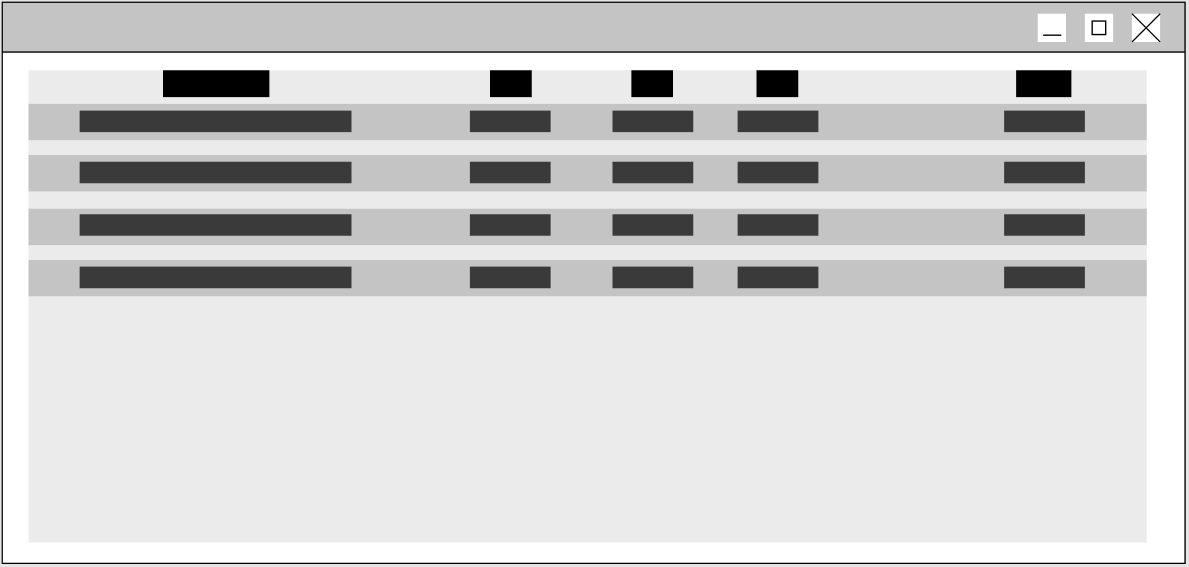
### Main Map



### Add Sections



### Display Actions/Harvests



# Visual (throw in graphics)

## Mood Board

# Prototype