

Group Assignment – Lawn Mower Rental

Design a console app for a lawn mower rental business. Decide the level of ambition in the team and work on it for a week. Try to adress the points below.

User

The app should work for a person at the company renting out the lawn mower to a customer. So the user will enter data several times a week. Think of how the language is phrased when writing to the Console.

Context

The business of renting out lawn mowers is a case of a rental business of minor machinery directed at a general type of private or professional customer. The business could as well rent out machinery for wood working or such. The event of renting out a machine takes place in a physical store, where the lawn mowers also are kept. For context consider this model of a lawn mower:

<https://www.husqvarna.com/se/grasklippare/lb448s-klippo/>

The business has 15 lawn mowers to rent out to customers.

What the business needs from an app

The business has not thought through a lot about the app yet. They need three main areas of functionality:

- Register new customer
- Register a lawn mower rental
- Keep track of lawn mowers in store and in rental

It's up to the group to imagine what the app needs to do and what further requirements the business needs addressed. For instance, should the amount of rental days be set in advance or should they be counted on return of the rental? The business probably have routines for this already. In such a case, proposing a solution often provoke the business to clarify their policy or routines.

Things to consider:

Where to keep the data for registered users?

Is the customer already registered?

Is there enough machines in store for a rental?

Can the user get a list of customers who hold a rental at the moment?

It would be a benefit if the app considered some aspects of cost and pricing as they relate to the event of renting out the lawn mowers or the event of a return of a rental. But it is not the apps responsibility to handle payments or keep track of the economy.

By the end of Friday, stop work and share the result by sending the repository adress in one of your individual chats.