

## **Collect and Analyze Requirements: Functional requirements**

### **Problem Statement:**

Create an app that lets housemates keep track of shared chores, log when they have individually completed a chore, be notified when a chore should be done, be notified when a housemate has completed a chore

### **Functional Requirements**

We need to build an app that allows users to write and save a list of chores. The list of chores can be shared with other users in a private group. The list can be updated by anyone with access to the private group.

The groups can be password protected

The app should send notifications to users when someone in their group has updated the chores status

Users can update their settings to turn notifications on/off

The app should send notifications to remind users of chores that still need to be done

The app should have some graphical representation of the progress on all of the chores to give a quick look at how much

progress on all of the chores, to give a quick look at how much  
chores have been completed

Chores can be grouped into daily, weekly and monthly categories

# Collect and Analyze Requirements: Non-functional requirements

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## Non-Functional Requirements

Build to support iOS 13

Create a dedicated support website and include the link in the app's description and its "About" page

Handle data calls and responses asynchronously

Write unit test/ integration test to allow for scalability

Use a password hash to encrypt the passwords

Allow for accessibility

### non-functional Requirement considerations

- Performance
- Scalability
- Responsiveness
- Use-ability
- reliability
- Security
- Documentation
- Availability

## **Collect and Analyze Requirements: User Stories**

### **Problem Statement:**

Create an app that lets housemates keep track of shared chores, log when they have individually completed a chore, be notified when a chore should be done, be notified when a housemate has completed a chore

### **User Stories**

As a housemate I would like to store all of the chores that need to get done in my house, so I can revisit the list of chores

As a housemate I would like to store all of the chores that need to get done in my house, so I can update the status of those chores as I complete them

As a housemate I would like to store all of the chores that need to get done in my house, so that I can share them with my other housemates

As a housemate I would like to be notified when my housemates have updated a chore, so that I can thank them

As a housemate I would like to create a private house group, so I can add my other housemates and we can share status updates on our shared chores

