

For our Habit and Hobby builder app project, our plan is to implement a scrollable view with a list of habits/hobbies, about 10. When the user clicks on a view, it starts an activity and takes the user to the activity with the appropriate hobby. From there, it will display a text view with tips on the hobby, how to do the hobby, or something fun related to the hobby. This part of the app does not require internet access. If the user clicks the back button while in a specific hobby, it will go back to the scrollable list of hobbies.

If the user wants to get specific and our app is not enough, the user can use the search bar and search how to do a certain activity. The application will query wikihow with the keywords entered in the search bar, parse the results, and create a new scrollable list based on the search results. The user will then be able to choose a specific task from the new scrollable list. Once the user chooses a specific task android will open up the specific wikihow page in a web browser. This part of the application requires internet access.

For the project, Anh-Minh Nguyen will be responsible for making the skeleton code/ back bone of the code, i.e. make the list scrollable and make the activities. Dagmawi Assefa will be responsible for coming up with the descriptions of the hobbies and the hobbies themselves. Michael Lindsey will be responsible for the search bar and parsing the search to be searched on wikihow.

Main.kt

Searchbar
Hard-Coded Task-1
Hard-Coded Task-2
Hard-Coded Task-3
Hard-Coded Task-4
Hard-Coded Task-5
Hard-Coded Task-6
Hard-Coded Task-7
Hard-Coded Task-8
Hard-Coded Task-9

Hobby.kt

How to Task-1
Task-1 Tutorial

Main.kt

Searchbar
Parsed Wikihow 1
Parsed Wikihow 2
Parsed Wikihow 3
Parsed Wikihow 4
Parsed Wikihow 5
Parsed Wikihow 6
Parsed Wikihow 7
Parsed Wikihow 8
Parsed Wikihow 9

Web Browser

Wikihow Webpage
Wikihow Task-4 Tutorial

