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Tests

Modules

Sanat Sangamalli: Test sound effect

1. Make sound effect(individual)
2. Make sound effect happen at a certain time(individual)
3. Make sound effect happen when the alarm goes off(combined code)

System Test:

1. Open Snuuz App
2. Select "Set Target Time"
3. Set a time (1 minute from now for testing purposes)
4. ***User should hear a sound go off when alarm time occurs***

Elijah Holmberg: Data Inference/Messages

1. Send messages to the user depending on how long they slept
2. Show data inferences depending on user's sleep history

System Test:

1. Open Snuuz App
2. Select "Set Target Time"
3. Set a time (1 minute from now for testing purposes)
4. When alarm goes off enter time and hit dismiss
5. ***User should see a quote on the home screen depending on how long the user slept***
6. Click on the chart icon in the toolbar
7. ***User should see a list of data below the graph showing user sleep pattern averages***

Brian Basaldua: AnyChart Data Visualization

1. Display AnyChart graph on sleep history activity
2. Chart accurately displays user sleep data

System Test:

1. Open Snuuz App
2. Click on the chart icon in the toolbar
3. **User should see a graph showing user sleep time and times waken up**
4. Go back to the home screen by touching the clock icon on the toolbar
5. Select "Set Target Time"
6. Set a time (1 minute from now for testing purposes)
7. When alarm goes off enter time and hit dismiss
8. Click on the chart icon in the toolbar
9. **User should see an updated graph showing the latest sleep session**

Christina Carlisle: SQLite Database

1. The alarm should store values into an SQLite database

System Test:

1. Open Snuuz App
2. Click "Set Target Time"
3. Set a time (1 minute from now for testing purposes)
4. When alarm goes off enter time and hit dismiss
5. Click "Recent Sleep History"
6. **User should see a toast of recent sleep entries**

Kai Kondo-Bacon: Snooze (Snuuz) Function

1. When you hit the snooze button, I should immediately create a new alarm for 1 minute from the current time

System Test

1. Open Snuuz App
2. Click "Set Target Time"
3. Set a time (1 minute from now for testing purposes)
4. When alarm goes off hit the "Snuuz" button
5. **User should see an alarm pop up 1 minute from the current time**

Module: Alarm

1. When you set a time, the alarm should go off at the specified time and force itself even if the app is closed

System Test

1. Open Snuuz App
2. Click "Set Target Time"
3. Set a time (1 minute from now for testing purposes)
4. Close the app
5. **User should see the Snuuz alarm pop up even the if app is closed**