

CoughingCats: Cord Cutting Calculator Iteration 2

Team roles:

Scrum Master: Chris Kornosky

Product Owner: Shreyas Rameshkumar

Team Members: Arbin Bhuiyan, Elizabeth Hokaj, Manav Gurumoorthy, Srishti Madan, Tanay Kulkarni

Customer meeting date/time/place:

Wednesdays 4:15 pm, Zoom

Links:

GitHub Repo: <https://github.com/Sugarcandy16/Cord-Cutting-Calculator/>

Pivotal Tracker: <https://www.pivotaltracker.com/n/projects/2495463>

App (Heroku) Link: <https://cord-cutting-calculator-2021.herokuapp.com/>

Summary

Documented the steps required to successfully run the behavioral + technical tests for this project using a AWS Cloud9 environment. Additionally, we have now figured out how to run the app locally, which proved more difficult than our homework assignments. Both of these blockers will be well documented to **speed up future teams' progress**.

We also completed the Sub-story #4 for Adding Reset buttons to each type of channel selections in the Calculator Page, and applied some modifications to the implementation of the previously designed Reset buttons. All these modifications have been documented below.

Also, there were some cucumber tests which were failing from the legacy code for some of the signup tests, while the app was demonstrating appropriate signup implementation. These were identified and updated to verify that the implementation wasn't breaking at any point, and was in fact performing the appropriate role. This further improved the coverage.

Blockers

Current progress on the app still is not implemented on the latest version of the repo. We believe that our current repo is, again, not the most up-to-date based on the missing features (when compared to the deployed Heroku app).

Stories Progress

Story: Specify Either Per Month or Annual Budget

- **Progress: Complete**
- **Cucumber: Complete**
- **RSpec: WIP**
- **Description:** Added radio buttons to differentiate “Monthly” and “Yearly” budgets

Calculator

Must have channels

(Be sure to select enough channels, or the calculate may not produce satisfying results.)

Select the Channels ▾

Would like to have channels

Select the Channels ▾

OK to have channels

Select the Channels ▾

Budget

70



Monthly Yearly

DVR ☐

Only need one package? ☐

Calculate

Fig: Calculator page with “Monthly” and “Yearly” radio buttons

```
Feature: User

As a channel watcher
Currently the budget does not specify whether it is monthly or yearly
Specify that near the budget field

Scenario: Changing from monthly to yearly budget
  Given I am on the calculator
  Then I enter a budget
  And I choose "Yearly"
  Then I press calculate
  And I should see "Yearly" budgets

Scenario: Changing from yearly to monthly budget
  Given I am on the calculator
  Then I enter a budget
  And I choose "Yearly"
  Then I choose "Monthly"
  Then I press calculate
  And I should see "Monthly" budgets
```

Fig: Cucumber Scenarios

Package set #1

Recommended Packages: **TEST 1,**

Including:

- Must Have Channels:
ABC,
- Would Like to Have Channels:
- OK to Have Channels:

Cost: 30.0

Fig: Output page

Story: User Profile UI Improvement

- Progress: Complete
- Cucumber: N/A
- RSpec: N/A
- Description: Improved the Descriptive Labels in User Profile UI

[Edit your profile](#) |

What channels are available to me?

What devices do I have access to?

What cable provider am I using?

Calculate

Fig: User Profile's Descriptive Labels

Story: Add a Reset Button to the Selection

- **Progress: Implementation Complete**
- **Cucumber: WIP**
- **RSpec: WIP**
- **Description:** Added “Reset” buttons to some of the pages to reset selections made by the User. This user story was broken down into sub-stories, as follows:
- **Sub-story #1:** Add “Reset” button to User’s Edit Antenna Channels page
 - **Progress: Complete**
 - **Cucumber: WIP**
 - **RSpec: WIP**
 - **Modification:** Earlier the user would be redirected to his Home page (Welcome page) on clicking the Reset button. The current implementation ensures that on clicking the button the channel selections of the user are reset and refreshed to stay on the same page. This Possible Improvement was dealt with successfully in this Iteration. Also, the button was renamed to “Clear All”.

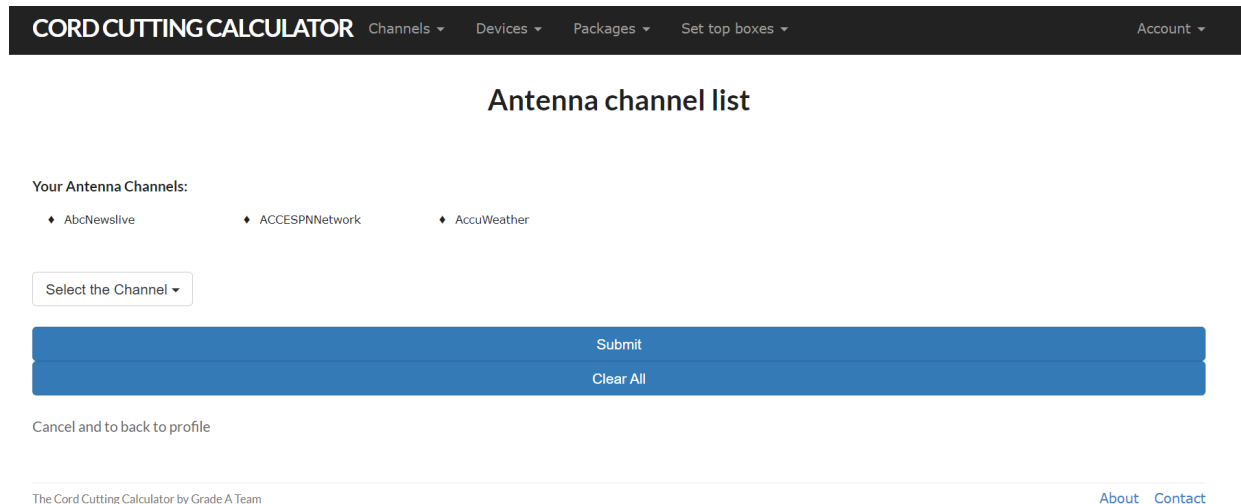


Fig: User's Antenna Channel List with "Clear All"/Reset button

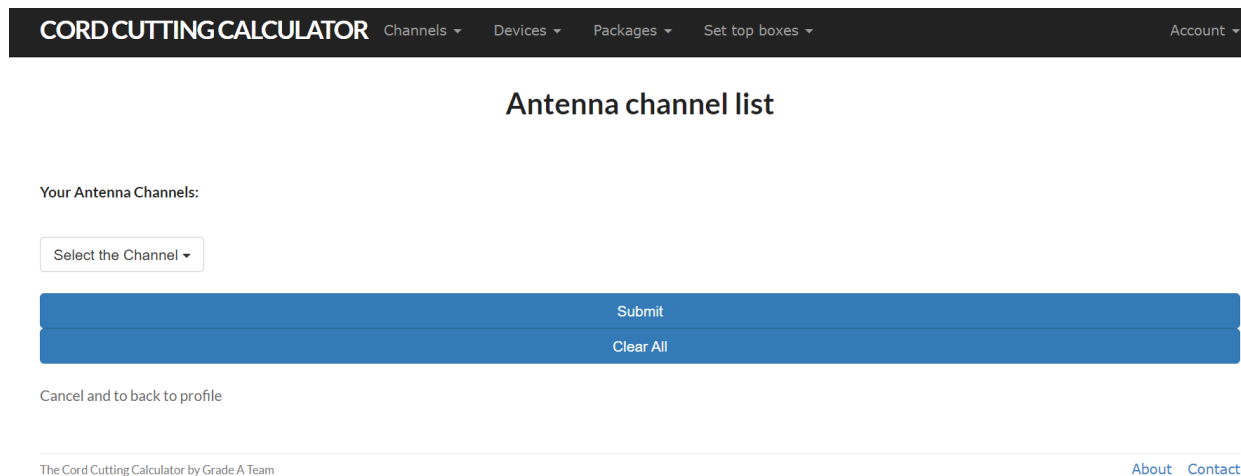


Fig: Output after "Reset"

- **Sub-story #2:** Add "Reset button to User's Edit Devices page"
 - **Progress:** Complete
 - **Cucumber:** WIP
 - **RSpec:** WIP
 - **Modification:** Button renamed to "Clear All", and modification applied keeping in mind the previous sub-stories requirement to refresh to same page after performing reset.

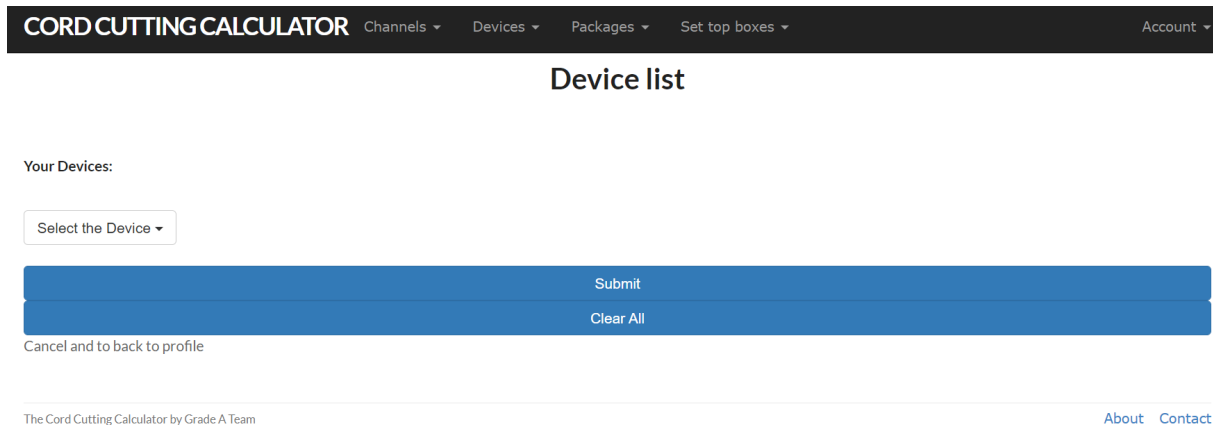


Fig: User’s Device List Page with “Clear All”/Reset button

- **Sub-story #3”** Add “Reset” button to User’s Edit Set Top Box page
 - **Progress: Complete**
 - **Cucumber: WIP**
 - **RSpec: WIP**
 - **Modification:** Button renamed to “Clear All”, and modification applied keeping in mind the previous sub-stories requirement to refresh to same page after performing reset.

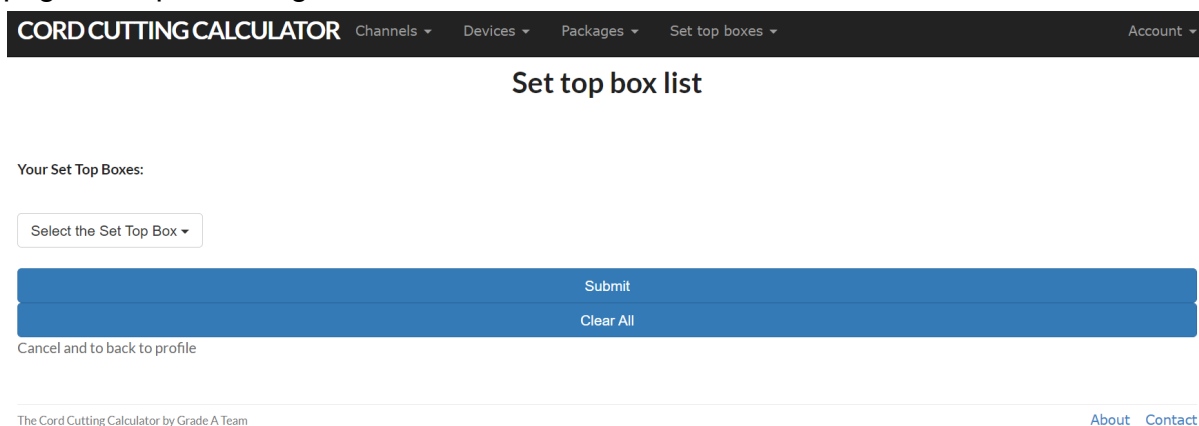


Fig: User’s Set Top Box list page with “Clear All”/Reset Button

- **Sub-story #4:** Add “Reset” button to Calculator page
 - **Progress: Completed**
 - **Cucumber: WIP**
 - **RSpec: WIP**

- **Description:** Four Reset buttons have been added. Three of which ensure to clear out selections of the specific channel type only, and one “Reset all selections!” button to clear out and refresh the whole form.

CORD CUTTING CALCULATOR
Channels
Devices
Packages
Set top boxes
Account

Must have channels
(Be sure to select enough channels, or the calculate may not produce satisfying results.)
Select the Channels
Reset Must Have

Would like to have channels
Select the Channels
Reset Would Have

OK to have channels
Select the Channels
Reset Ok Have

Budget
Enter your monthly budget
Monthly Yearly
DVR
Only need one package?
Calculate
Reset all selections

TEST
Search
Name
ABC
AbcNewsIive
ACCESPNNetwork
AccuWeather
A&E

Fig Calculator page after adding the Reset functionality

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Feature: User

  As a channel watcher
  So that I don't need to click selected channels again to remove them from my list
  I want to add a button to the "Select the Channels" dropdown

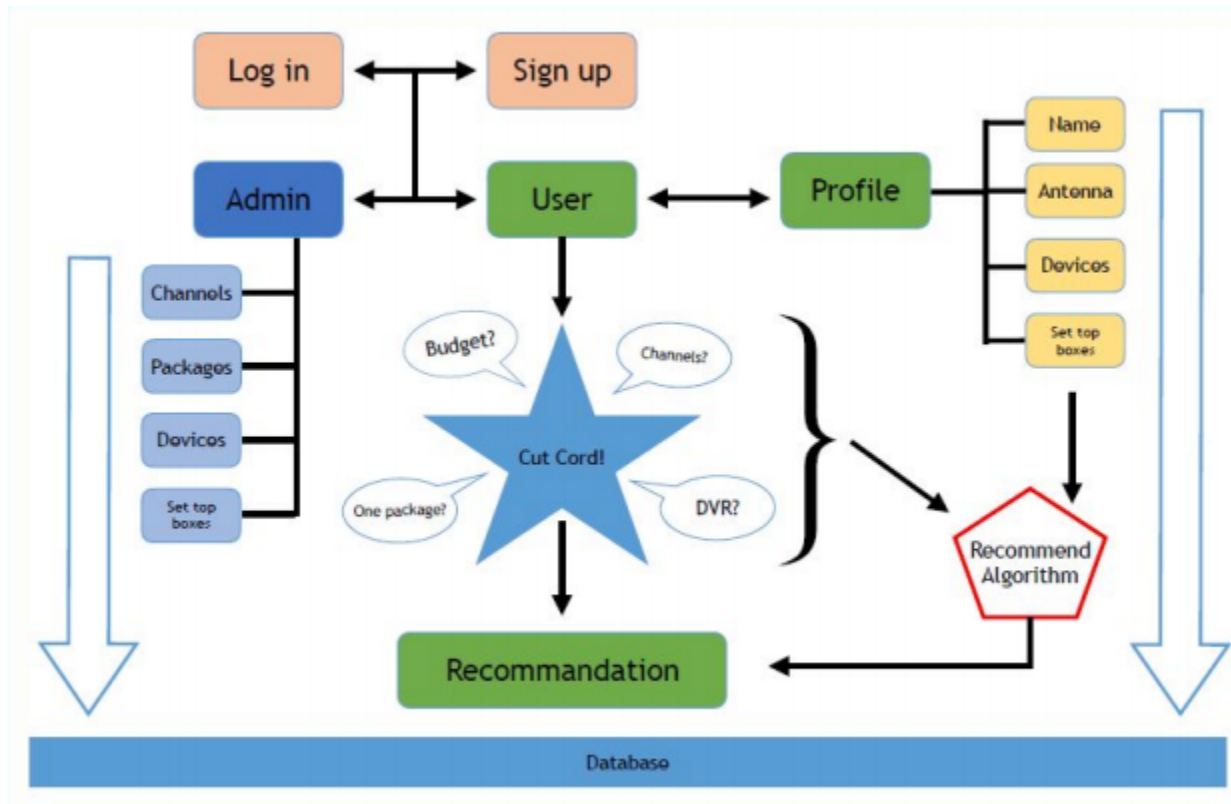
  Scenario: Pressed Channels Reset Button
    Given I am on the calculator
    Then I check "CNN" in "Must have channels"
    And I reset "Must have channels"
    Then I should see all "Must have channels" unchecked
    Then I check "ABC" in "Would like to have channels"
    And I reset "Would like to have channels"
    Then I should see all "Would like to have channels" unchecked
    Then I check "BBC" in "OK to have channels"
    And I reset "OK to have channels"
    Then I should see all "OK to have channels" unchecked
```

Fig: Cucumber Features

Story: Improve "Select the ..." Dropdown Lists

- Progress: WIP
- Cucumber: WIP
- RSpec: WIP

Design Diagram



(Credit to *Grade A Team* for graphic)

Legacy Refactoring

None of our stories require any legacy refactoring except possibly for the story to modify the channel selection which has not been started. Apart from that, we are avoiding major rewrites of legacy code due to time constraints.