

C&G Coatings Application

Graduate Directed Project

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Developed by:

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Preface

We thank our client [Curt Carpenter](#) and acting client [Dr. Denise Case](#) for giving us this project and trusting us on our work. Hope we satisfied all your requirements and stood up to your expectations.

Introduction

A cost estimating app that will calculate the estimated amount for works like coatings, floorings etc. It helps to make an estimate for a work like Flooring, painting etc., also uses previous projects as a point of reference to help predict the cost of other projects that they will be working on. Will be able to make an estimate, view all the estimates and make changes to existing one.

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1)Pre-Installations & Requirements

- Operating System:

- Windows 7 and Later, Mac OS, Linux.

- Web Browsers:

- Google Chrome(recommended), Safari, Internet Explorer or Mozilla Firefox.
- Use links in the resources on page 14 to download the browsers

2)Launch Application

- Open web browser:

- Google Chrome(recommended)
- Mozilla Firefox
- Safari

- In the address bar type the below given website link

<https://curtestimator.herokuapp.com>

Public Page:

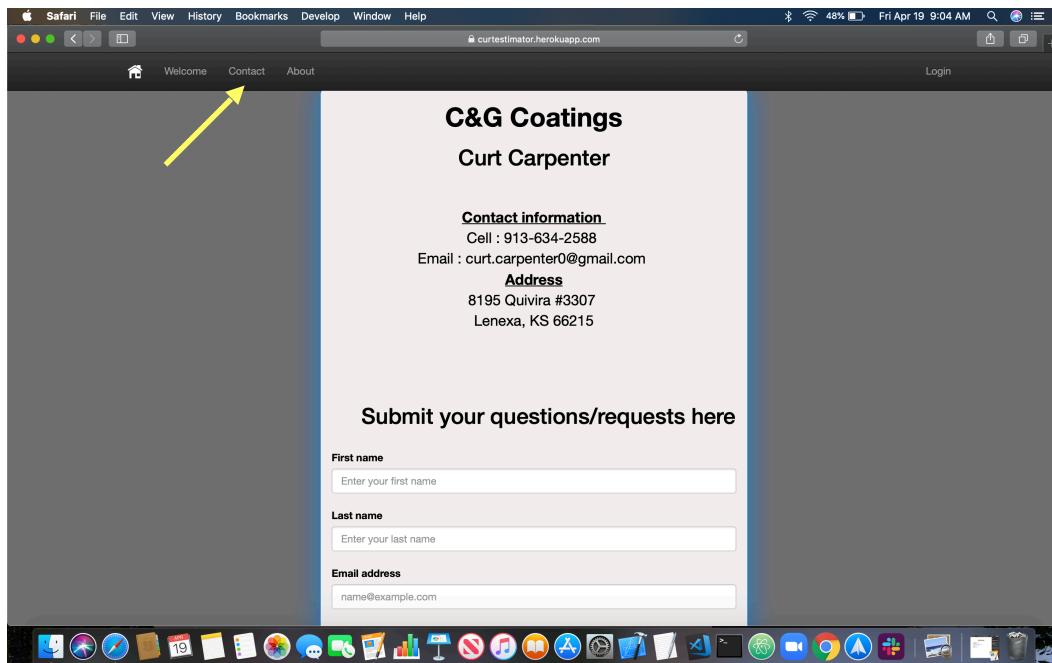
1) Contact Information

Displays contact information of the owner, Address, phone number and email-Id. It also provides a form wherein a person can ask questions and request any quotes for a work.

1) Click on the **Contact** tab to see the contact information and ask any questions

● Enter your First name, Last name, Email Id and question you want to ask

● Click to **Submit** send the email to owner.

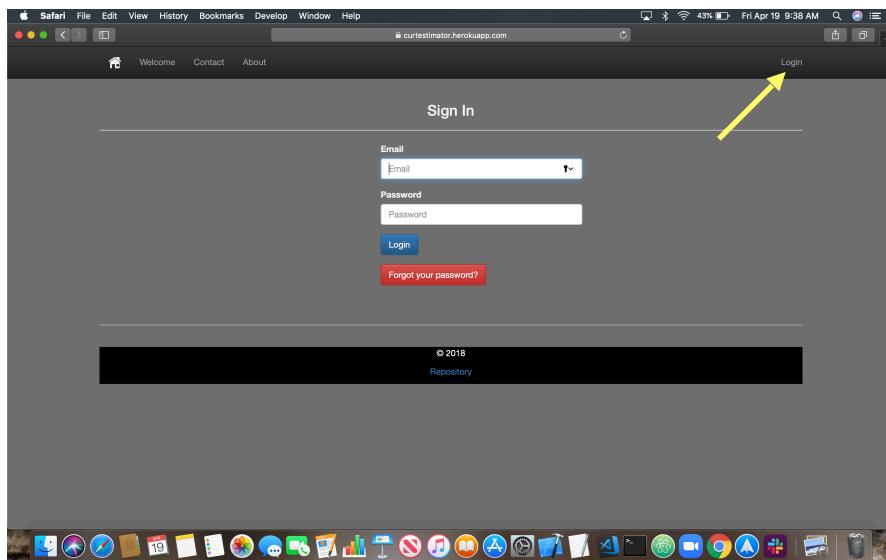


Admin Pages:

1) Login Page

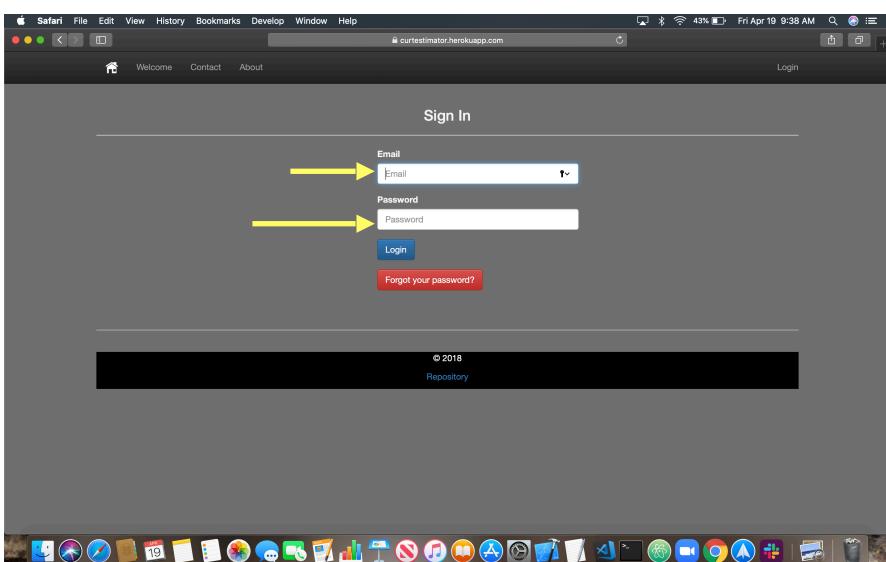
Login into the application to create an estimate. Can retrieve a forgotten password

- Click on the **Login** tab on right top corner



*Confidential information, not displayed in the manual.

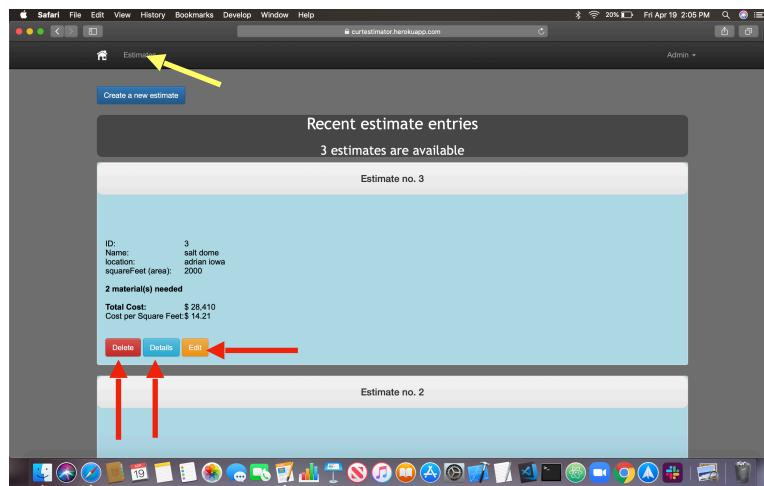
- Enter the email Id* and password* in the fields respectively



- Click **Login** button to login

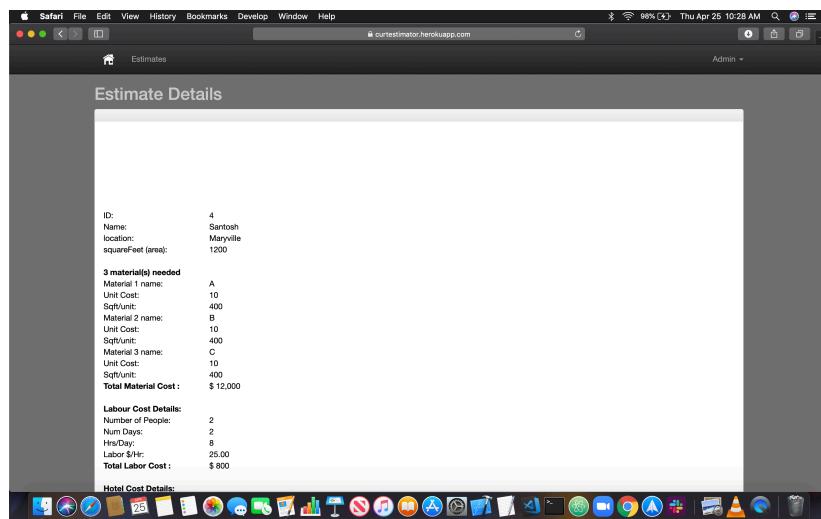
2)View all estimates

- Click on the **Estimates** tab to see the existing estimates



3)View details of a selected estimate

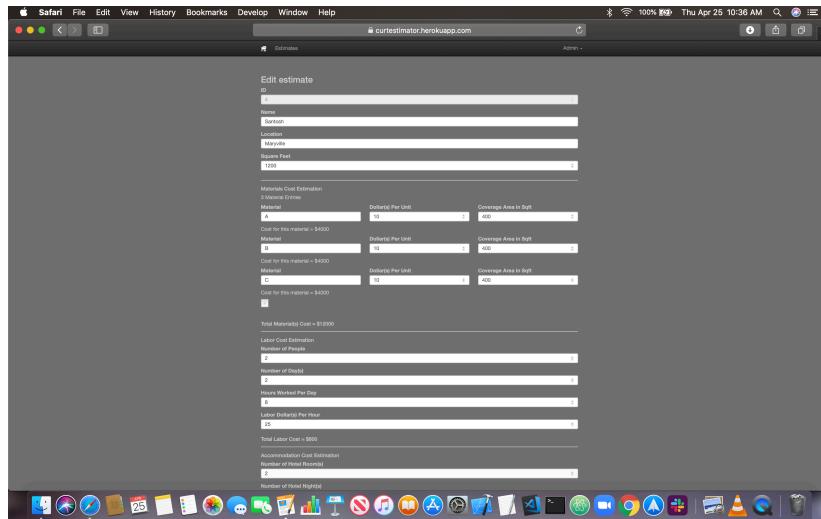
- Click on **Details** button to see full estimate details of a job



- Click on **Return to list** button to go back to estimates page.

4)Editing a selected estimate

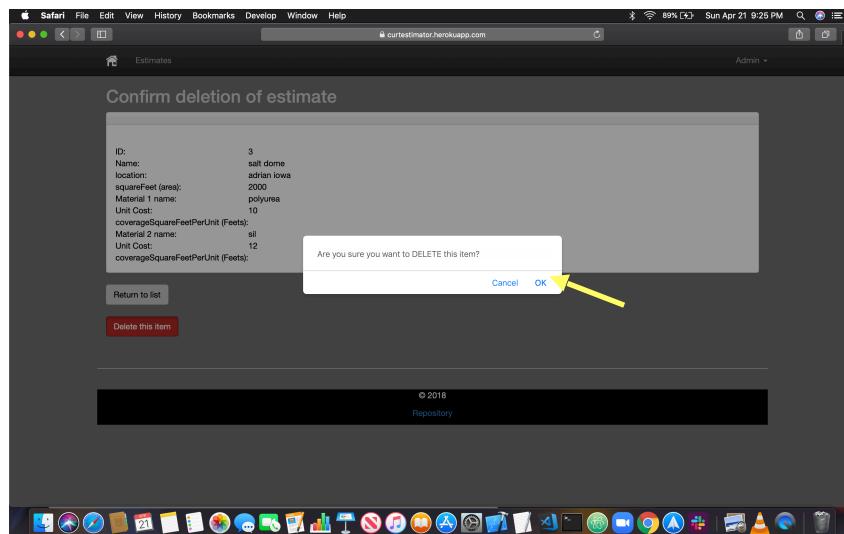
- Click **Edit** button of selected estimate on the estimates page to make any modification.



- Click **Save** button at end of page after entering all the details to create estimate.
- Click on **Return to list** button at the end of page to go back to estimates page.

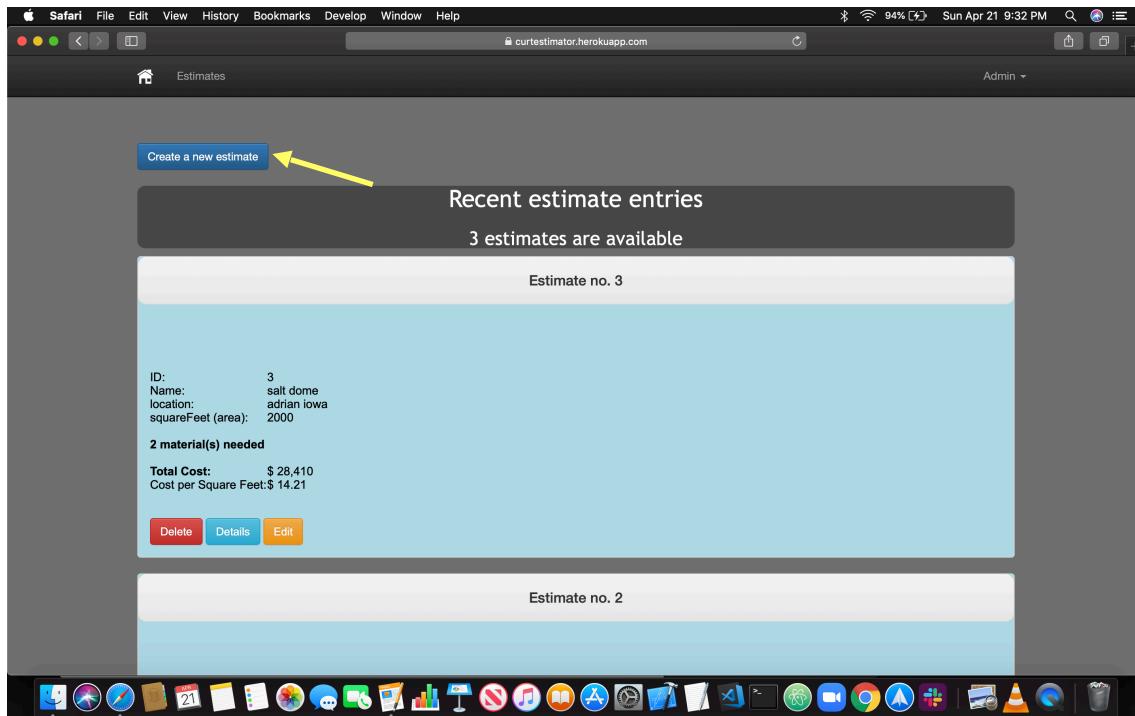
5)Deleting a selected estimate

- Click **Delete** button of selected estimate on estimates page to delete any specific entry, confirm deletion by clicking **OK**.



6)Create a New Estimate:

- Click on “Create a new estimate” button to start a new estimate.



- Enter the details required for the job, each field is labelled by what to be typed in the entry box against it.

The screenshot shows the 'Create a new estimate' form. At the top, there's a 'Copy from existing estimate' button. The form has several sections:

- Materials Cost Estimation**:
 - 3 Material Entries
 - Material A: 2 units at \$100 per unit, covering 300 square feet.
 - Material B: 2 units at \$100 per unit, covering 300 square feet.
 - Material C: 2 units at \$100 per unit, covering 300 square feet.
- Labor Cost Estimation**:
 - Number of People: 2
 - Number of Day(s): 2
 - Hours Worked Per Day: 8
 - Labor Dollars Per Hour: 25
- Accommodation Cost Estimation**:
 - Number of Hotel Rooms: 1

- To add more materials or miscellaneous items click on the button end of materials/miscellaneous sections respectively.



Materials Cost Estimation

3 Material Entries

Material	Dollar(s) Per Unit	Coverage Area in Sqft
A	2	300
Cost for this material = \$600		
B	2	300
Cost for this material = \$600		
C	2	300
Cost for this material = \$600		

[+](#)

Miscellaneous Cost Estimation

3 Miscellaneous Entries

Miscellaneous Name	Cost
A	10
B	10
C	10

[+](#)

- Click **Save** button at end of page after entering all the details to create estimate.

- Click on **Return to list** button at the end of page to go back to estimates page.

Safari File Edit View History Bookmarks Develop Window Help

curtestimator.herokuapp.com Sun Apr 21 9:37 PM Admin ▾

Estimates

Miscellaneous Name Cost

B	10
Miscellaneous Name	Cost
C	10

[+](#)

Total Miscellaneous Cost = \$30

Total Estimate Cost = \$3110

Cost per square Feet= \$3.46

Save

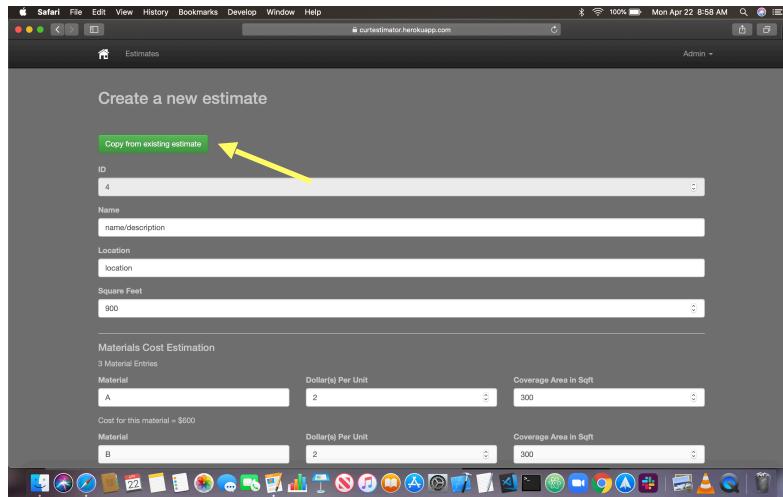
[Return to list](#)

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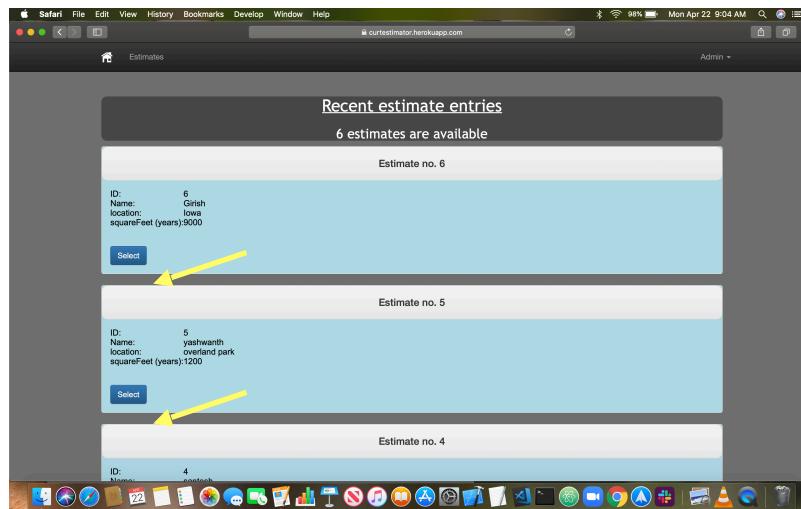
7) Create a New Estimate from existing ones

- Click on **Copy from existing estimate** button to create a new estimate using details of any

previously created ones.

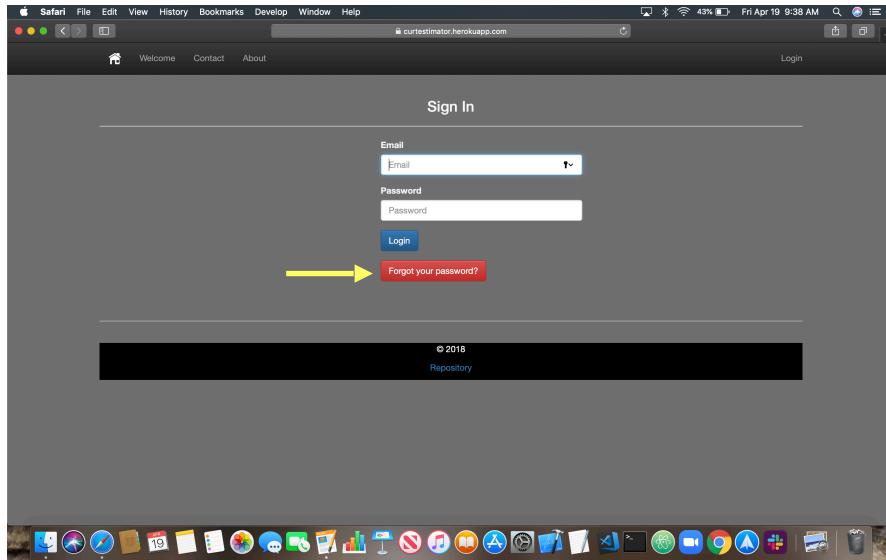


- Select the estimate want to make a copy of



- The value of the selected estimate will be copied to a create page, thus a new estimate can be created.

8)Retrieving/Forgot Password



*Confidential information, not displayed in the manual.

- Click on **Forgot your password?** button to get an email for password recovery

9)Technology Accounts

- GitHub version control system for collaborating and maintaining project source code.
- Heroku for deploying application ,so can be viewed globally
- Mail-gun for email service
- Application login account for owner to create and manage coating estimates

10)Technology/ FAQ

Q) Not able to confirm deleting a selected estimate?

- Pop-up blocker needs to be enabled on the browser, check browser settings to enable pop windows.

Q) Estimates not loading on index page or taking too much time?

- Refresh browser, if that doesn't improve the page loading, open browser settings and clear the cache memory.

Q) Does the application run on any operating system?

- The application is developed to work on any operating system such as Windows, MacOS etc. as long there is an active internet connection to it.

Q) Does the application run on any browser?

- It is basically a web application which needs a web browser installed on the computer in order to use it. Any web browser can open the application as long as there is an active internet connection. For best experience Google Chrome web browser is recommended.

11)Miscellaneous

- At any point in the application the user may navigate to the previous pages by clicking on the “return to previous page” button at the end of page or by using the arrows on the navigation bar of the browser.
- While filling the details for an estimate the user may enter ‘0’ in the boxes provided if he feels that part is not required for the job.(Eg: Hotel cost, Food cost etc.)

12)Resources

Install browsers:

1. <https://www.google.com/chrome/>
2. <https://www.mozilla.org/en-US/firefox/new/>

Turn On/OFF pop-ups:(Chrome)

1. <https://support.google.com/chrome/answer/95472?co=GENIE.Platform%3DDesktop&hl=en>

Clearing browser cache:(Chrome)

1. <https://support.google.com/accounts/answer/32050?co=GENIE.Platform%3DDesktop&hl=en>

