AGV Web Server User Stories

CTI One Corporation Confidential Information

Kathy Luo

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| Date | Description | Note |
| 2018-31-01 | User stories for AGV site, color picker page | Kathy Luo |

1. OVERVIEW

Functions Available:

As an operator I want to upload a picture of my warehouse, click an appropriate image area, and select from a ranked list of colors based on that image area

so that I have the optimal algorithm for my applications.

General functions to be implemented:

1. Image can be uploaded
2. Uploaded image can be clicked to define an image area
3. Ranked list of colors will be shown after image area selection
4. Colors from ranked list can be selected

II. DETAILED USER STORIES

1. Identify the Page:

As an operator using the site,

I want to be able to identify the purpose of the page easily

so that I can verify I am at the correct location.

Completion Criteria:

* 1. Clear title and sub-headers
  2. Company logo displayed on the top left

1. Tap-friendly Interface:

As a mobile or tablet user,

I want to tap through the interface easily

so that I can finish setup in one smooth motion.

Completion Criteria:

* 1. Have a clear flow of user tasks from up to down
  2. Have mobile-friendly click events and views

1. Vertical View Friendly Interface:

As a mobile or tablet user,

I want to identify the next step immediately

so I can finish the task in order easily

Completion Criteria:

* 1. Have a clear flow of user tasks from up to down for mobile and vertical tablet devices

1. Clear Flow of Logic:

As a laptop user,

I want to identify the next step immediately

so I can finish the task in order easily.

Completion Criteria:

* 1. Have a clear flow of user tasks from left to right for laptop and horizontal tablet devices

1. Upload Progress:

As a webpage user,

I want to know if anything goes wrong during the upload process

so that I can refresh and try again.

Completion Criteria:

* 1. Have a progress bar for uploads

1. Algorithm Status:

As a webpage user,

I want to know if the algorithm is progressing if I do not see ranked colors being displayed

so that I can restart the process.

Completion Criteria:

* 1. Have a spinner or signal that the color optimizer is running and not complete

1. Ranked Colors:

As an uninformed operator,

I want to be able to easily choose the best available color

so that I can optimize my operations easily.

Completion Criteria:

* 1. Have a ranked list of colors to select from

1. Confirmation Box:

As an error-prone user,

I want to select the correct color and be able to confirm my selection

so that I can avoid operator error.

Completion Criteria:

* 1. Have a confirmation screen displaying the color and rank

III. APPENDIX

Contents:

1. Figure 1. Meeting Notes
2. Figure 2. Wireframe

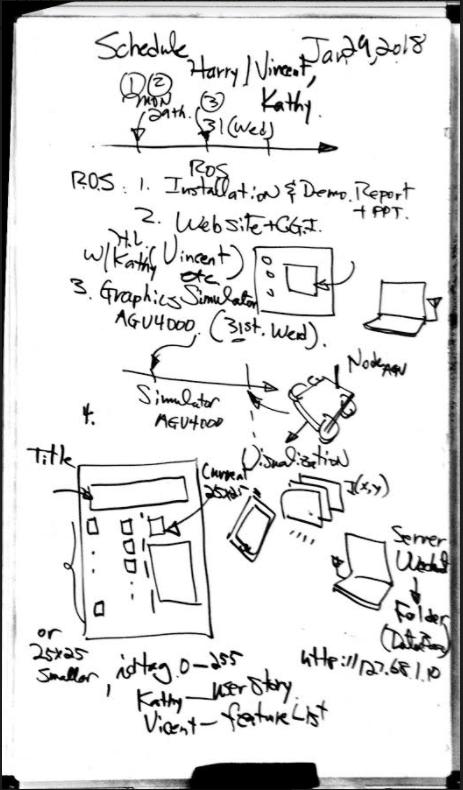


Figure 1. Meeting notes for Jan 29th, 2018. Meeting on Color Picker and ROS features of AGV site.

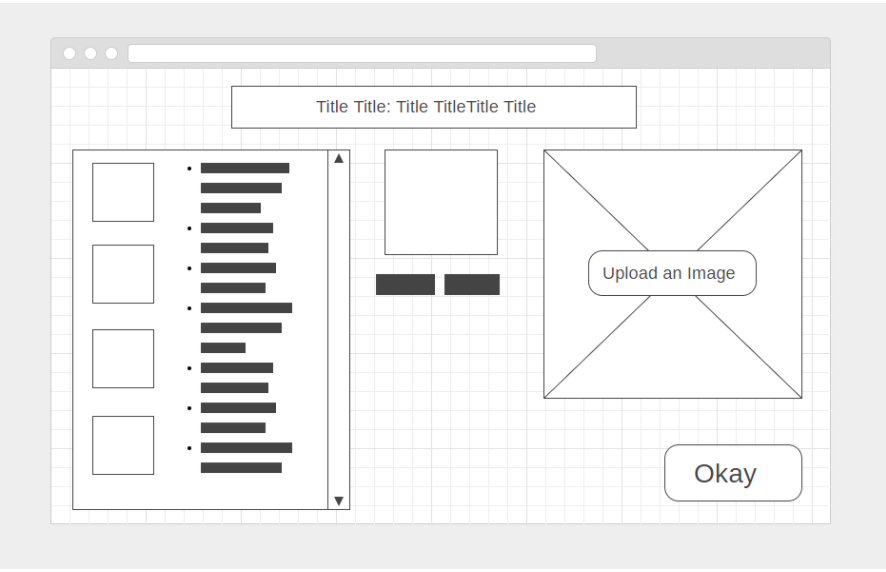


Figure 2. Preliminary wireframe for laptop view