

# ThoughtWorks®

*CRUISE*

---

# F2E HOMEWORK

---

# INTRODUCE

---

In modern agile software development practice, there is a development practice called "Continuous Integration (CI)", which requires any time, any place can generate a deployable version. Usually in the actual development, the developer to the code library to push the code, will automatically trigger a series of actions, including code checking, compiling, running testing, packaging. These steps are run through automated scripts to a group of servers, and we want to create a product such as CRUISE that can easily manage these servers, monitor or set their status.

现代敏捷软件开发实践中，有一种开发实践叫“持续集成(CI)”，它要求任何时间，任何地点都可生成一个可部署的版本。通常在实际开发中，开发人员向代码库推送了代码，会自动触发一系列动作，包括代码检查，编译，运行测试，打包。这些步骤通过自动化的脚本交给一群服务器来运行，我们希望创建CRUISE这样一个产品，可以方便的管理这些服务器(Agents)，监控或设置它们的状态。

# LAYOUT

---

Implement the layout by HTML & CSS

# ThoughtWorks®

# DESKTOP HD

---

Please use 1200px grid layout(not css grid property).



DASHBOARD

AGENT

MY CRUISE

HELP

## History

- bjstdmngbgr02/Acceptance\_test
- bjstdmngbgr03/Acceptance\_test
- bjstdmngbgr04/Acceptance\_test
- bjstdmngbgr05/Acceptance\_test.....
- bjstdmngbgr06/Acceptance\_test
- bjstdmngbgr07/Acceptance\_test
- bjstdmngbgr08/Acceptance\_test
- bjstdmngbgr09/Acceptance\_test
- bjstdmngbgr11/Acceptance\_test
- bjstdmngbgr12/Acceptance\_test
- bjstdmngbgr13/Acceptance\_test

Building

3

Idle

5

ALL

PHYSICAL

VIRTUAL

8

4

4

All

Physical

Virtual



bjstdmngbgr01.thoughtworks.com

idle



192.168.1.102



/var/lib/cruise-agent



Firefox



Safari



Ubuntu



Chrome



bjstdmngbgr08.thoughtworks.com

building



192.168.1.243



/var/lib/cruise-agent



Firefox



Safari



Ubuntu



Chrome



Deny



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building



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Firefox



Safari



Ubuntu



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# INTERACTIVE

---

Implement the function by Javascript

# **FUNCTION I**

---

Delete a Resource



DASHBOARD

AGENT

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HELP

Building

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Click delete icon



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DASHBOARD

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# FUNCTION II

---

Add New Resources



DASHBOARD

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DASHBOARD

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- bjstdmngbgr12/Acceptance\_test
- bjstdmngbgr13/Acceptance\_test

Separate multiple resource name with commas

e.g. Chrome, Firefox

Add Resources

Cancel

Only one popup box on current screen



DASHBOARD

AGENT

MY CRUISE

HELP

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Firefox



Safari



Ubuntu



Chrome



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building



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Safari



Ubuntu



Chrome



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Ubuntu,Chrome

Add Resources

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Resources are added



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Firefox



Safari



Ubuntu



Chrome



# REFERENCE

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Style Guide & Other Mockups

# ThoughtWorks®

# GUIDE

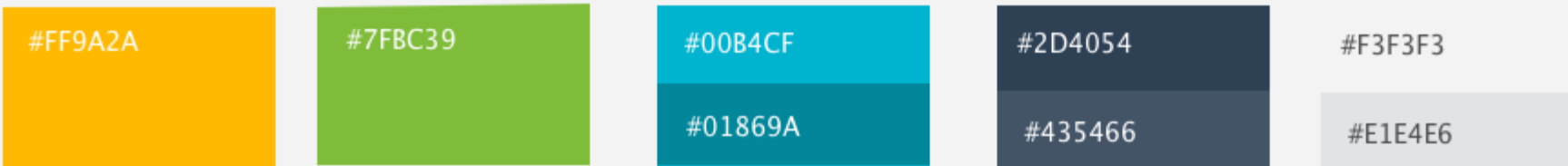
---

Colors & Buttons & Icons & Components

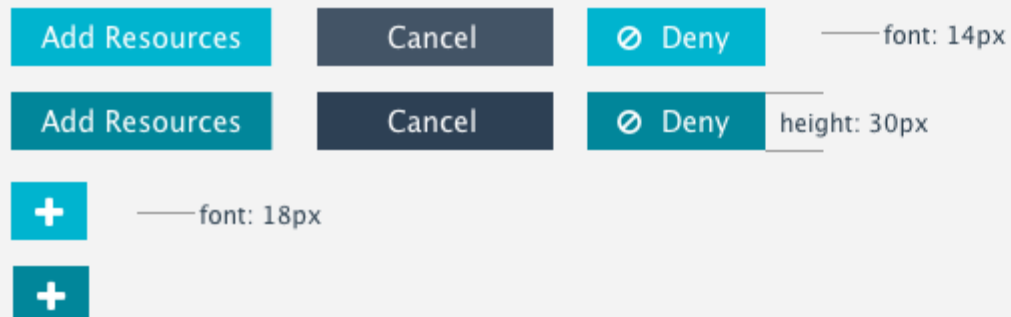


# Cruise Style Guide

## COLORS



## BUTTONS



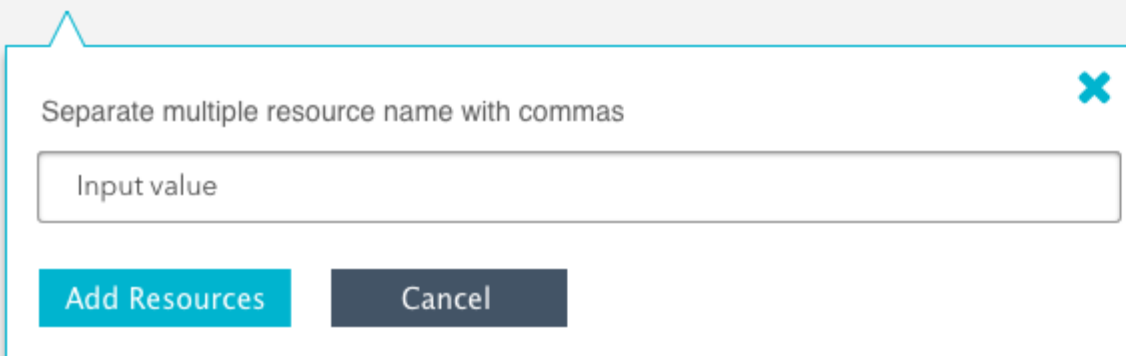
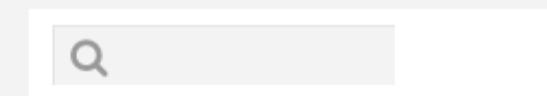
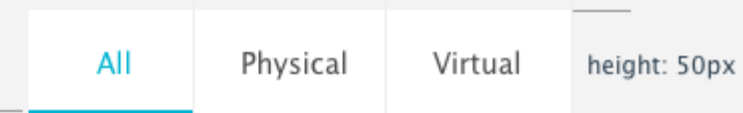
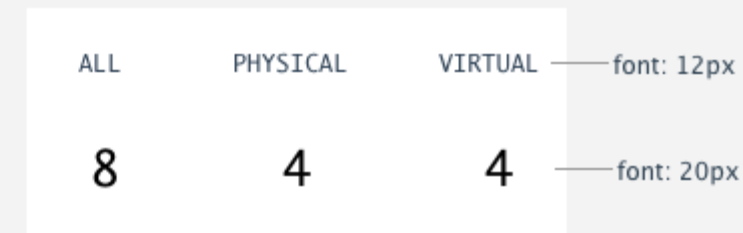
## ICONS



## BADGES



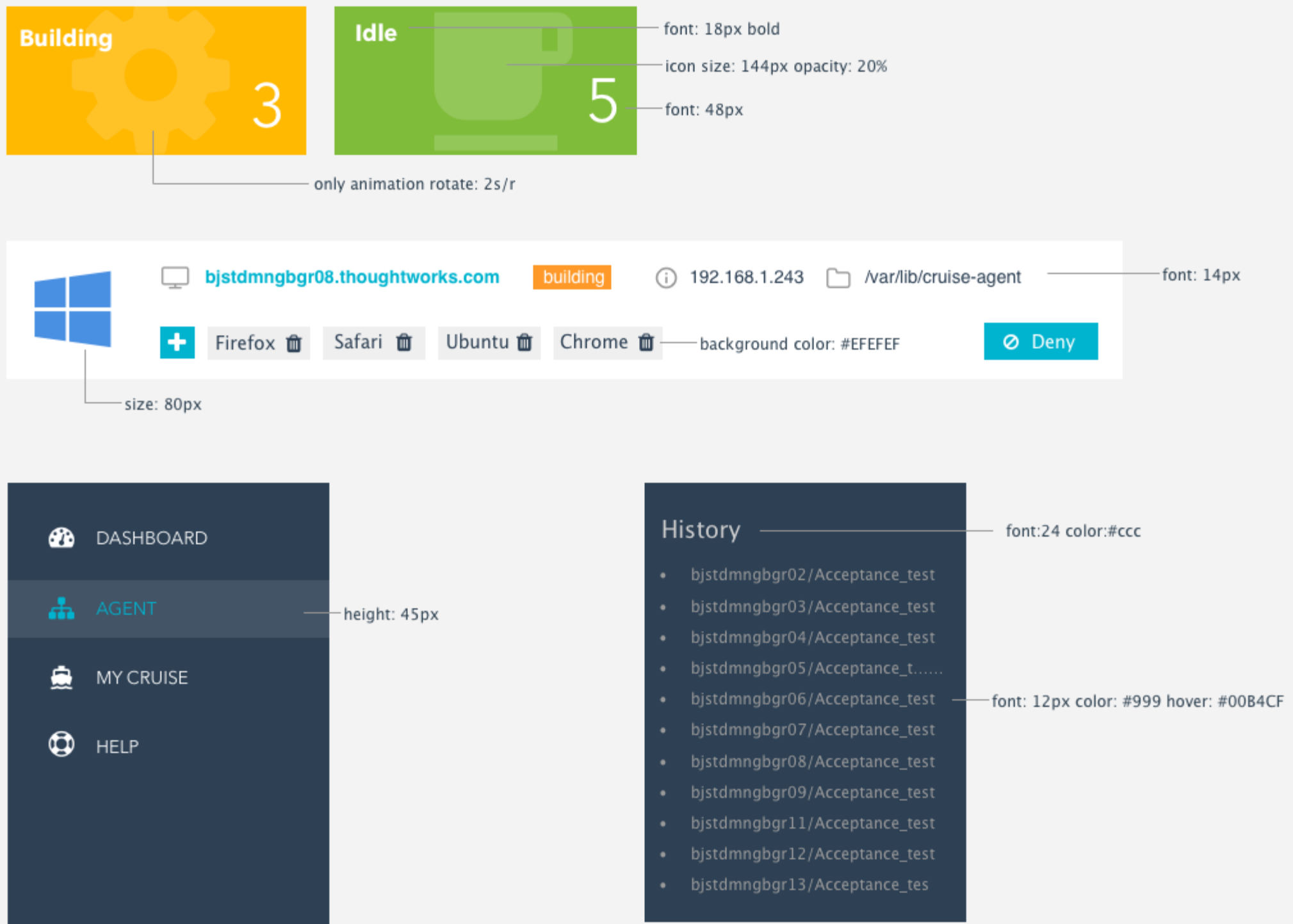
## COMPONENTS



width: 570px  
shadow: 0 3 5px ( #000, 30%)

# Cruise Style Guide

## COMPONENTS



## TEXT

default color: #2D4054    **hover color:** #00B4CF

default font: Avenir, Helvetica, Arial, sans-serif

default size: 14px

# RESPONSIVE DESIGN

Desktop HD	$\geq 1200\text{px}$
Desktop	$\geq 1024\text{px}$
Tablet	$\geq 768\text{px}$
Phone	$< 768\text{px}$

# ThoughtWorks®

# MOCKUPS

---

Apply Responsive Design

# DESKTOP

DASHBOARD

AGENT

MY CRUISE

HELP

### History

- bjstdmngbgr02/Acceptance\_test
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- bjstdmngbgr12/Acceptance\_test
- bjstdmngbgr13/Acceptance\_tes

## CRUISE

Building 3

Idle 5

ALL	8
PHYSICAL	4
VIRTUAL	4

AllPhysicalVirtual

bjstdmngbgr01.thoughtworks.com

idle

192.168.1.102

/var/lib/cruise-agent

FirefoxSafariUbuntuChrome

bjstdmngbgr08.thoughtworks.com

building

192.168.1.243

/var/lib/cruise-agent

FirefoxSafariUbuntuChrome

Deny

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building

192.168.1.80

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FirefoxSafari

Deny

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building

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FirefoxSafariUbuntuChrome

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idle

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# TABLET

CRUISE

Building 3

Idle 5

ALL 8  
PHYSICAL 4  
VIRTUAL 4

All

Physical

Virtual

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idle

192.168.1.102

/var/lib/cruise-agent

+

Firefox

Safari

Ubuntu

Chrome

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building

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Ubuntu

Chrome

CRUISE

DASHBOARD

AGENT

MY CRUISE

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ALL 8  
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Separate multiple resource name with commas

Ubuntu,Chrome

Add Resources

Cancel

# PHONE



Building 3

Idle 5

ALL

PHYSICAL

VIRTUAL

8


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All




Physical



Virtual


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 /var/lib/cruise-agent




 Firefox  Safari 



Ubuntu  Chrome 


 [bjstdmngbgr08.thoughtworks.com](#)


 192.168.1.243


 /var/lib/cruise-agent


 Firefox  Safari 




Ubuntu  Chrome 



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 Firefox  Safari 

Ubuntu  Chrome 



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 Firefox  Safari 

Ubuntu  Chrome 



Separate multiple resource name with commas

Add Resources



"Default"



Defaults

Defaulting

Q W E R T Y U I O P

A S D F G H J K L

 Z X C V B N M 

123   space return

# REQUIREMENT

---

- README file.
- For POPUP DIALOG
  - Must implement it yourself.
  - Get closed by clicking either the top right “Close” icon or the “Cancel” button.
  - Also get closed when clicking anywhere outside of it.
  - Clear content of the Resource input once popup dialog get closed.
- Resources should be displayed well when there are too many resources tags.
- Backend Data
  - Use the backend data API provided by us to get or change data(mock-server.zip in attachments).
  - Add resources button in dialog should update backend data as well.
- Desktop HD Mockup is **MANDATORY**, other mockups are optional.
- The layout should look **CONSISTENTLY** for IE11, latest Chrome and Firefox.
- CSS framework or component library(Bootstrap/AntDesign...) are **NOT ALLOWED**.
- Tools like Webpack/Grunt/Gulp, Babel, SASS/LESS and test libraries are **ALLOWED**.



# NICE TO HAVE

---

- Implement Responsive Design
- Javascript Unit Test

# THANK YOU

---

*We welcome your arrival, if you can easily  
complete the above work.*

*GOOD LUCK!*

---

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