IET Web Development Workflow

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http://webservices.ucdavis.edu

Phases

- Discovery

- Design
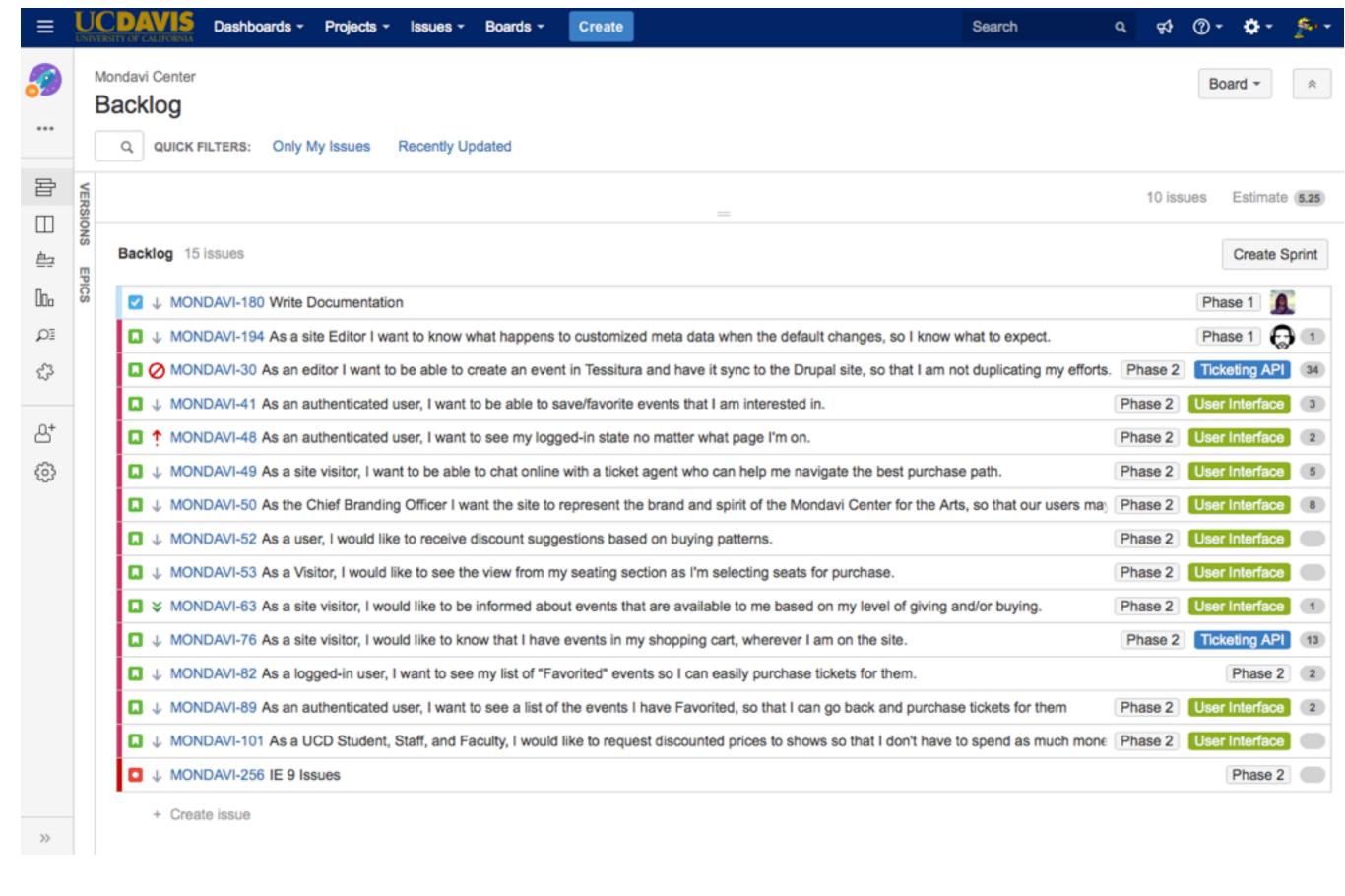
- Development/Testing

- Deployment/Hosting

Discovery

- Kick-off Meeting

- Design Meeting

- User Story Writing Workshop

- User Story Review

- Estimate and Budget Review

Statement of Work, Estimate

Mondavi Center
Backlog

🔍   QUICK FILTERS: Only My Issues   Recently Updated

Board ▾   ⌃

VERSIONS   EPICS

10 issues   Estimate **5.25**

Backlog 15 issues

Create Sprint

☑ ↓ **MONDAVI-180** Write Documentation			Phase 1	👩
⬛ ↓ **MONDAVI-194** As a site Editor I want to know what happens to customized meta data when the default changes, so I know what to expect.			Phase 1	👤 ①
⬛ 🚫 **MONDAVI-30** As an editor I want to be able to create an event in Tessitura and have it sync to the Drupal site, so that I am not duplicating my efforts.	Phase 2	**Ticketing API**		34
⬛ ↓ **MONDAVI-41** As an authenticated user, I want to be able to save/favorite events that I am interested in.	Phase 2	**User Interface**		③
⬛ ↑ **MONDAVI-48** As an authenticated user, I want to see my logged-in state no matter what page I'm on.	Phase 2	**User Interface**		②
⬛ ↓ **MONDAVI-49** As a site visitor, I want to be able to chat online with a ticket agent who can help me navigate the best purchase path.	Phase 2	**User Interface**		⑤
⬛ ↓ **MONDAVI-50** As the Chief Branding Officer I want the site to represent the brand and spirit of the Mondavi Center for the Arts, so that our users ma	Phase 2	**User Interface**		⑧
⬛ ↓ **MONDAVI-52** As a user, I would like to receive discount suggestions based on buying patterns.	Phase 2	**User Interface**		⬤
⬛ ↓ **MONDAVI-53** As a Visitor, I would like to see the view from my seating section as I'm selecting seats for purchase.	Phase 2	**User Interface**		⬤
⬛ ⌄ **MONDAVI-63** As a site visitor, I would like to be informed about events that are available to me based on my level of giving and/or buying.	Phase 2	**User Interface**		①
⬛ ↓ **MONDAVI-76** As a site visitor, I would like to know that I have events in my shopping cart, wherever I am on the site.	Phase 2	**Ticketing API**		13
⬛ ↓ **MONDAVI-82** As a logged-in user, I want to see my list of "Favorited" events so I can easily purchase tickets for them.			Phase 2	②
⬛ ↓ **MONDAVI-89** As an authenticated user, I want to see a list of the events I have Favorited, so that I can go back and purchase tickets for them	Phase 2	**User Interface**		②
⬛ ↓ **MONDAVI-101** As a UCD Student, Staff, and Faculty, I would like to request discounted prices to shows so that I don't have to spend as much mone	Phase 2	**User Interface**		
🟥 ↓ **MONDAVI-256** IE 9 Issues			Phase 2	⬤

+ Create issue

»

One-time Costs

Name	Price/hour	Qty	Subtotal
Web Design Process - Small Web Design Process utilizing the existing UC Davis One design. Includes up to 3 wireframes and 1 design mockup.	$1,500.00	1	$1,500.00
Web Design Process - Medium Web Design Process expanding upon the existing UC Davis One design. Includes 2 style tiles, up to 4 wireframes and 2 design mockups	$4,500.00	1	$4,500.00
Web Design Process - Large Custom Web Design Process ignoring the existing UC Davis One design. Includes up to 4 style tiles, up to 5 wireframes and up to 5 design mockups.	$9,000.00	1	$9,000.00
Web Development Sprint - Small 2-Week Development Sprint includes 0.5 FTE. Represents 30 hours of recharge work.	$3,000.00	1	$3,000.00
Web Development Sprint - Medium 2-Week Development Sprint includes 1.5 FTE. Represents 90 hours of recharge work.	$9,000.00	1	$9,000.00
Web Development Sprint - Large 2-Week Development Sprint includes 3.0 FTE. Represents 180 hours of recharge work.	$18,000.00	1	$18,000.00
Project Management	$97.00	1	$97.00
Training and Documentation	$97.00	1	$97.00

Total $45,194.00

Monthly Costs

Name	Price	QTY	Subtotal
Pantheon Personal Plan Hosting	$25.00	1	$25.00
Pantheon Pro Plan Hosting	$100.00	1	$100.00
Website Maintenance on Pantheon	$200.00	1	$200.00

Total $325.00

Blocks   Fields   Tokens

- HEADING
- TEXT
- IMAGE
- VIDEO
- TABLE
- PRICING TABLE
- TOC
- PAGE BREAK
- COVER PAGE
- PAGE HEADER
- PAGE FOOTER
- ATTACHMENT
- PAYMENT

Content | Comments | Library | Roles | More | Download | Create doc

Design

- Styletiles

- Wireframes

- Mockups

- PatternLab

StyleTiles | First impressions, gut reactions

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INFORMATION AND
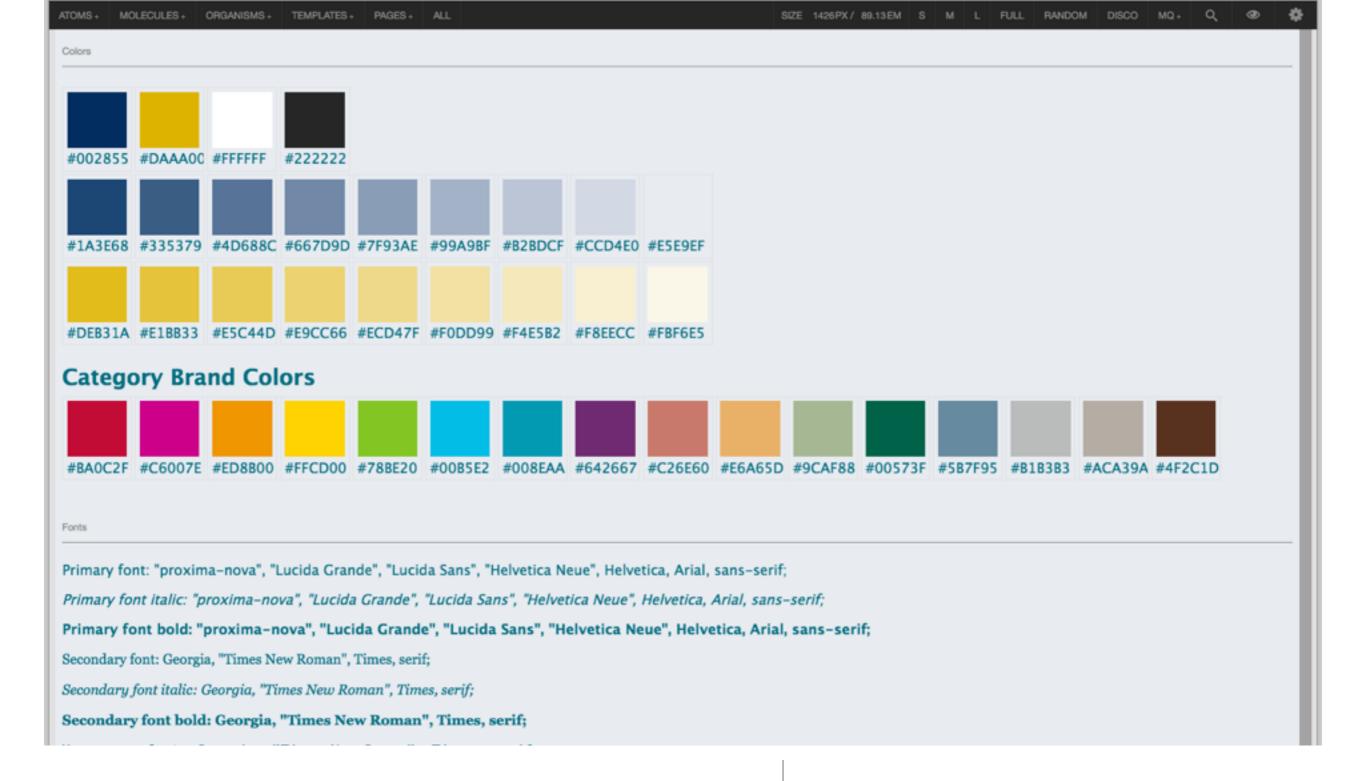**EDUCATIONAL TECHNOLOGY**

Wireframes | Balsamiq

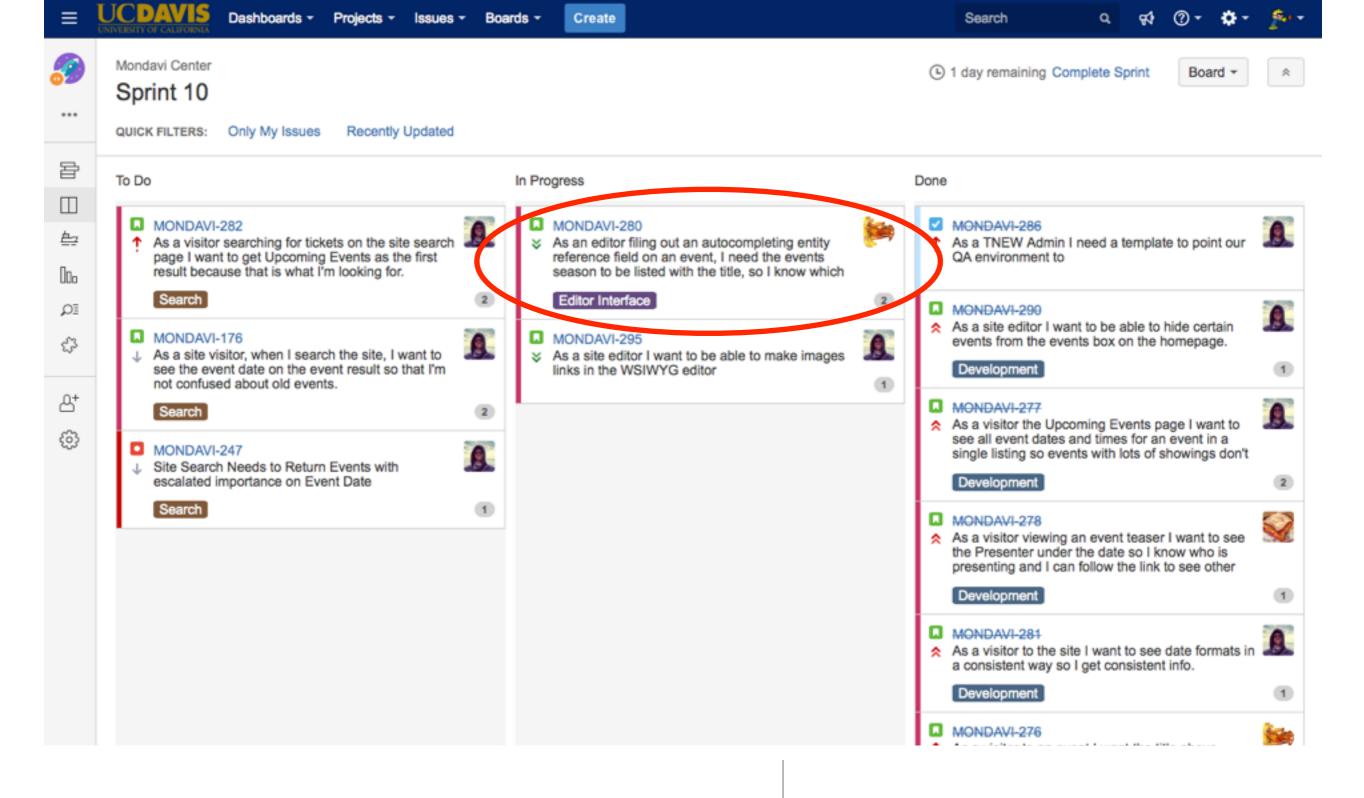Mockups | Put 'em together

PatternLab

Development

- Sprint Planning

- Daily Stand-Up

- Development

- Sprint Review

Development

- Sprint Planning

- Daily Stand-Up

- **Development**
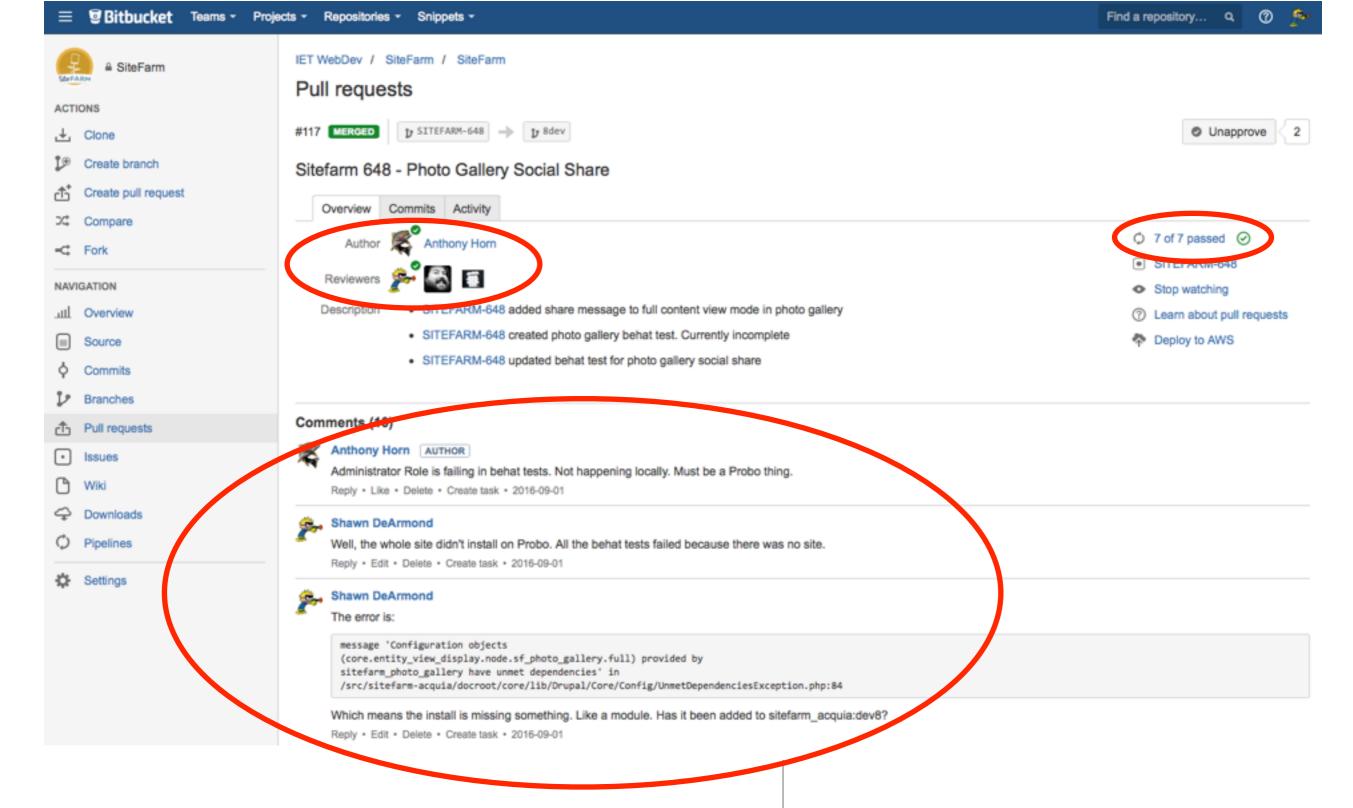
- Sprint Review

User Story Assigned

"In Progress"

Real Development

```
$ git checkout dev
$ git pull bitbucket dev
$ git checkout -b MONDAVI-280
```

Do work

```
$ git add -A
$ git commit -m "MONDAVI-280 added photoswipe module"
$ git push bitbucket MONDAVI-280
```

Create Pull Request

SITEFARM-648 to dev

Build and Test

Probo.CI

Persistent Site | Probo.CI

```
    When I am on "/admin/config/system/site-information"                                        # Drupal\DrupalExtension\Context\MinkContext::v
    And I fill in "uc_credits_contact" with "test-page"                                          # Drupal\DrupalExtension\Context\MinkContext::f
    And I press "Save configuration"                                                             # Drupal\DrupalExtension\Context\MinkContext::p
    Then I should see the success message "The configuration options have been saved"            # Drupal\DrupalExtension\Context\MessageContext
    And the "uc_credits_contact" field should contain "/test-page"                               # Drupal\DrupalExtension\Context\MinkContext::a

  @api
  Scenario: The contact field should also accept an email address                                # tests/features/uc_credits.feature:40
    Given I am logged in as a user with the "administrator" role                                 # Drupal\DrupalExtension\Context\DrupalContext:
    When I am on "/admin/config/system/site-information"                                         # Drupal\DrupalExtension\Context\MinkContext::v
    And I fill in "uc_credits_contact" with "test@test.com"                                       # Drupal\DrupalExtension\Context\MinkContext::f
    And I fill in "uc_credits_privacy" with "http://google.com"                                   # Drupal\DrupalExtension\Context\MinkContext::f
    And I press "Save configuration"                                                             # Drupal\DrupalExtension\Context\MinkContext::p
    Then I should see the success message "The configuration options have been saved"            # Drupal\DrupalExtension\Context\MessageContext
    And the "uc_credits_contact" field should contain "test@test.com"                            # Drupal\DrupalExtension\Context\MinkContext::a

  @api
  Scenario: Invalid paths should throw an error                                                  # tests/features/uc_credi
    Given I am logged in as a user with the "administrator" role                                 # Drupal\DrupalExtension\
    When I am on "/admin/config/system/site-information"                                         # Drupal\DrupalExtension\
    And I fill in "uc_credits_contact" with "invalid-internal-path"                              # Drupal\DrupalExtension\
    And I press "Save configuration"                                                             # Drupal\DrupalExtension\
    Then I should see the error message "Please provide a valid URL or email address for the Site Contact."  # Drupal\DrupalExtension\
    When I fill in "uc_credits_contact" with "http://valid-external-site.com"                     # Drupal\DrupalExtension\
    And I fill in "uc_credits_privacy" with "invalid-external-site.com"                           # Drupal\DrupalExtension\
    And I press "Save configuration"                                                             # Drupal\DrupalExtension\
    Then I should see the error message "Please provide a valid URL."                             # Drupal\DrupalExtension\

67 scenarios (67 passed)
499 steps (499 passed)
3m32.47s (70.20Mb)
$ exit
```
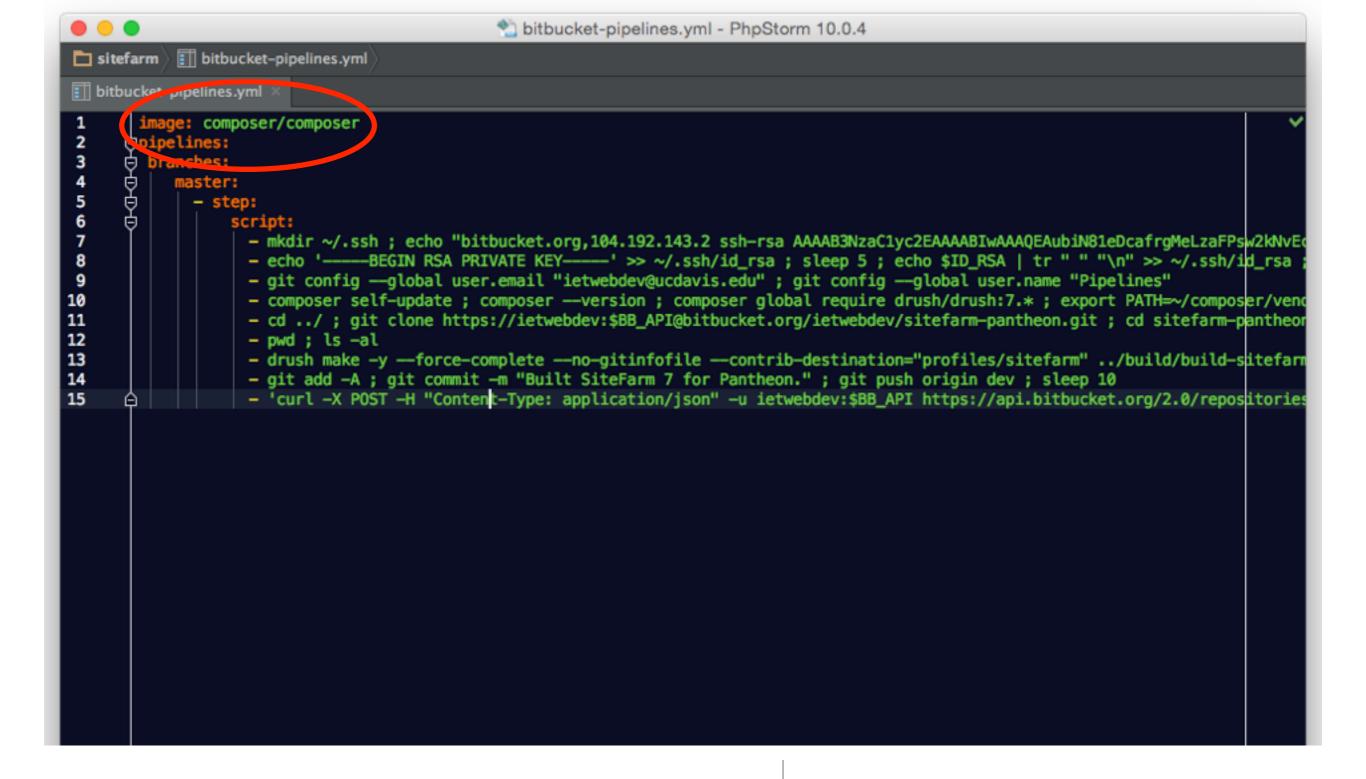
```yaml
assets:
  - probossh.tar.gz
steps:
  - name: Import SSH Keys
    command: 'tar -C $HOME/.ssh -zxvf $ASSET_DIR/probossh.tar.gz ; ls -al $HOME/.ssh'
  - name: Build Drupal
    plugin: Script
    script:
      - composer self-update ; composer global update
      - cd /src
      - composer install --ansi
      - composer require "ucdavis/sitefarm:dev-8dev" --ansi
      - composer require "ucdavis/sitefarm_one:dev-8dev" --ansi
  - name: Drupal site setup
    plugin: Drupal
    drupalVersion: 8
    subDirectory: docroot
    runInstall: true
    profileName: sitefarm
    installArgs: '--site-name="Testing Acquia SiteFarm on Probo" --account-pass=probo --account-mail=wdtest@ucdavis.edu'
  - name: Fix files directory permissions
    command: 'chown -R www-data:www-data /var/www/html/sites/default/files'
  - name: Run Behat NoJS
    plugin: Script
    script:
      - cp $SRC_DIR/behat.probo.yml /var/www/html/profiles/sitefarm/behat.yml
      - cp -r $SRC_DIR/tests/features/acquia /var/www/html/profiles/sitefarm/tests/features/.
      - cd /var/www/html/profiles/sitefarm
      - $SRC_DIR/bin/behat --profile probo --tags "~@javascript" --colors
  - name: Run behat js tests
    command: 'wget http://selenium-release.storage.googleapis.com/2.53/selenium-server-standalone-2.53.0.jar > /dev/null
```

Merged! | SITEFARM-648 to dev

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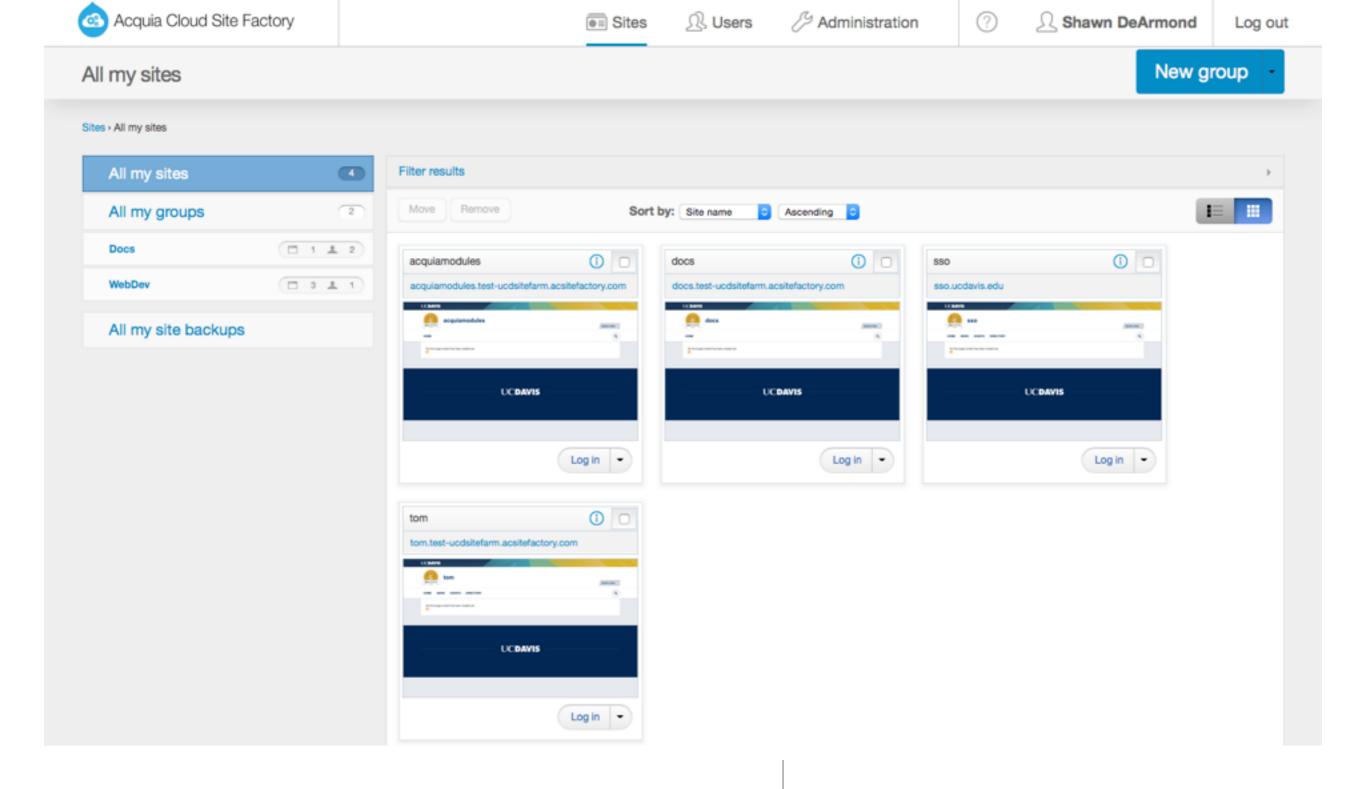**INFORMATION** AND **EDUCATIONAL TECHNOLOGY**

```
                                    bitbucket-pipelines.yml - PhpStorm 10.0.4

 sitefarm    bitbucket-pipelines.yml

 bitbucket-pipelines.yml  ×

 1    image: composer/composer                                                              ✓
 2    pipelines:
 3      branches:
 4        master:
 5          - step:
 6              script:
 7                - mkdir ~/.ssh ; echo "bitbucket.org,104.192.143.2 ssh-rsa AAAAB3NzaC1yc2EAAAABIwAAAQEAubiN81eDcafrgMeLzaFPsw2kNvE
 8                - echo '-----BEGIN RSA PRIVATE KEY-----' >> ~/.ssh/id_rsa ; sleep 5 ; echo $ID_RSA | tr " " "\n" >> ~/.ssh/id_rsa
 9                - git config --global user.email "ietwebdev@ucdavis.edu" ; git config --global user.name "Pipelines"
10                - composer self-update ; composer --version ; composer global require drush/drush:7.* ; export PATH=~/composer/ven
11                - cd ../ ; git clone https://ietwebdev:$BB_API@bitbucket.org/ietwebdev/sitefarm-pantheon.git ; cd sitefarm-pantheo
12                - pwd ; ls -al
13                - drush make -y --force-complete --no-gitinfofile --contrib-destination="profiles/sitefarm" ../build/build-sitefarm
14                - git add -A ; git commit -m "Built SiteFarm 7 for Pantheon." ; git push origin dev ; sleep 10
15                - 'curl -X POST -H "Content-Type: application/json" -u ietwebdev:$BB_API https://api.bitbucket.org/2.0/repositories
```

Deploy | Bitbucket Pipelines

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INFORMATION AND
EDUCATIONAL TECHNOLOGY
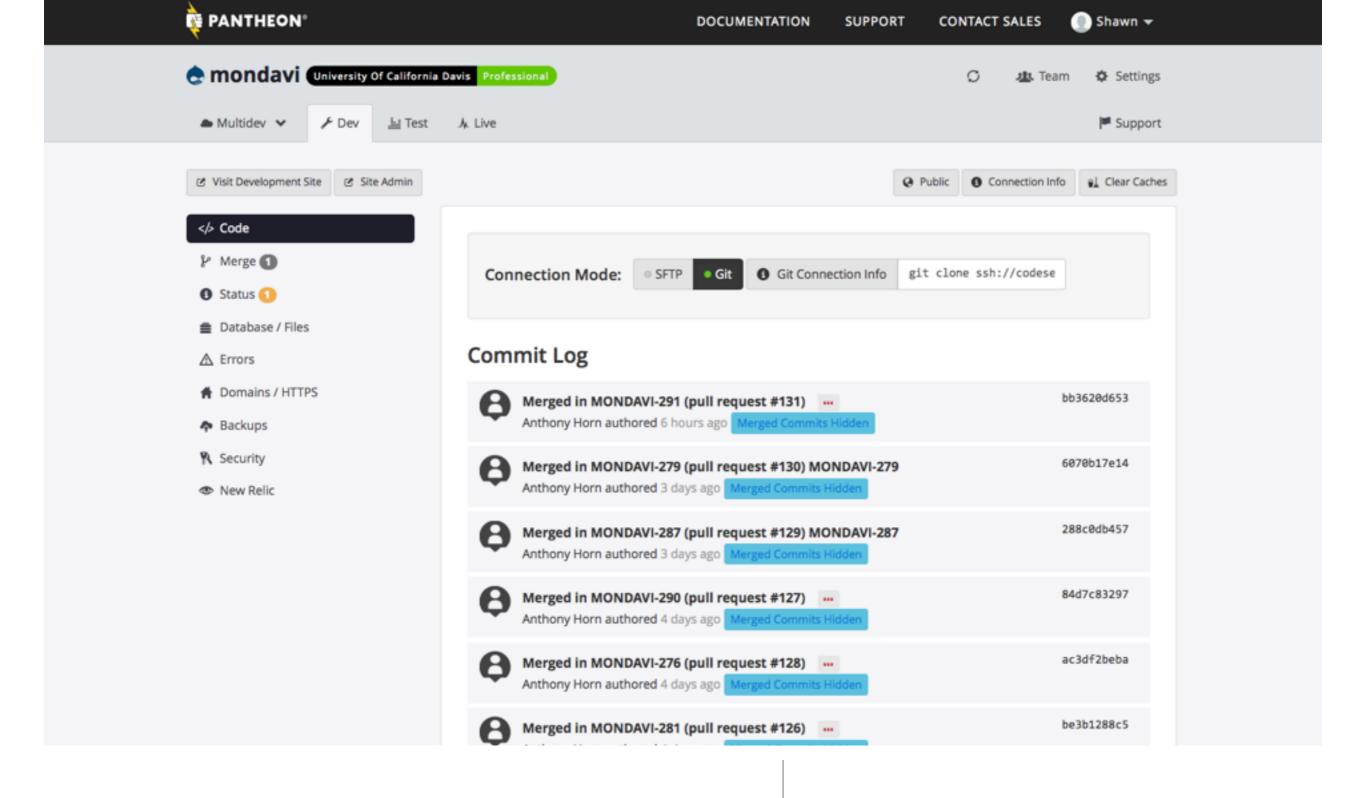
Deploy | Acquia Pipelines

Hosting | Acquia Site Factory

Hosting | Pantheon

Questions?

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