



BuildIt

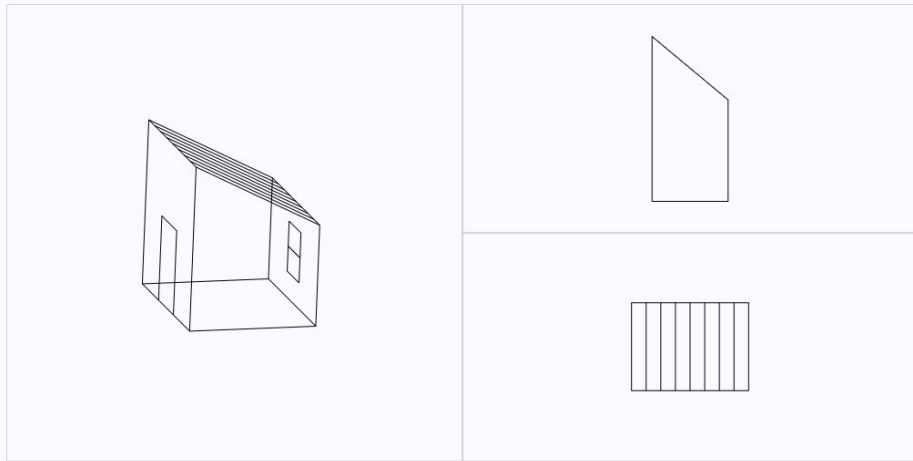
**Matt Hanley, Norma Langdon,
Ali Noor, Dakota Parker,
Terrance Whitehead**

Project Overview

Goal: Aid the average person in designing and building a shed



Cost: \$702



Base width: Base depth:

Height: Roof rise:

Roof type: ☐ Gable ☒ Slanted

Save

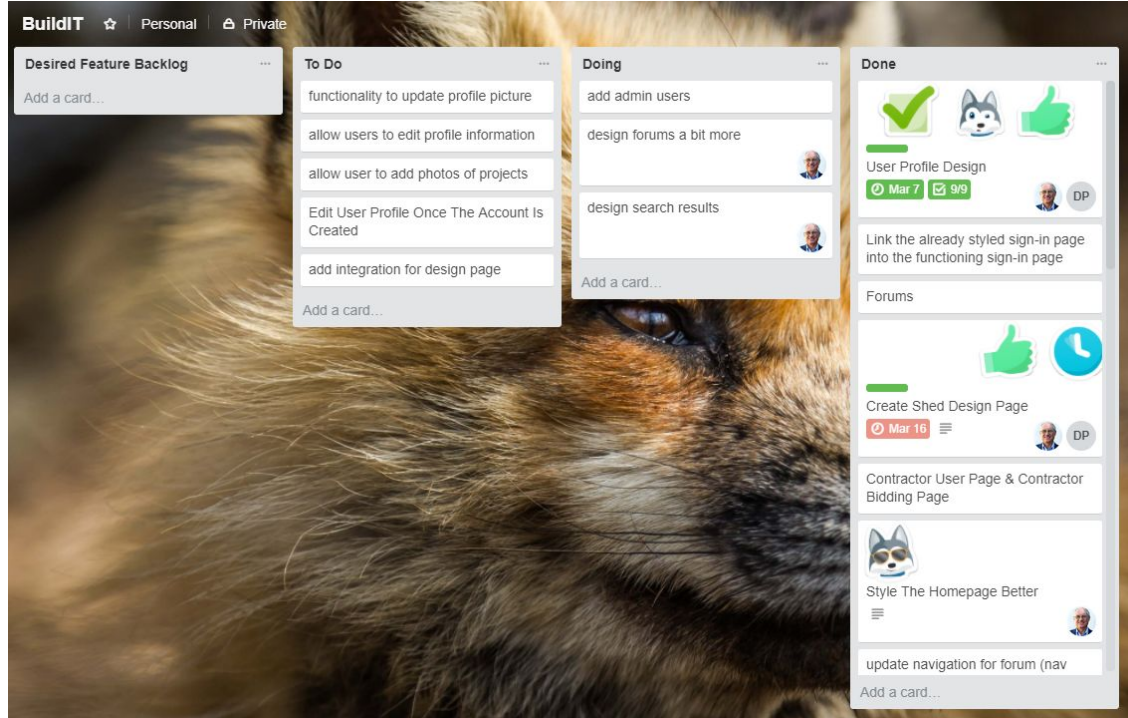
Load

Project Tracker: Trello

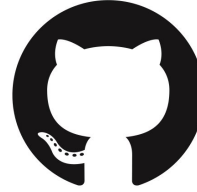


Rating: 6.2/10

Trello helped us organize our tasks, by assigning an individual or a group to a certain aspect of the project.



VCS Repository: GitHub



Rating: 10/10

Github organized all our source codes and files, such as meeting times and milestones.



AliNoor1 / BuildIt

Watch 3 Unstar 3 Fork 1

Code Issues 0 Pull requests 1 Projects 1 Wiki Insights

No description, website, or topics provided.

99 commits 3 branches 0 releases 5 contributors

Branch: master New pull request Create new file Upload files Find file Clone or download

matthewdhanley Add files via upload Latest commit 9756709 3 days ago	
Meeting Logs	Add files via upload a month ago
Milestones	Add files via upload 3 days ago
css	Updated file structure 2 months ago
img	Updated file structure 2 months ago
references	fixed typos, added picture 2 months ago
CONTRIBUTING.md	scale and center images 2 months ago

Database: MySQL



Rating: 9./10



Migration x Local instance 3306 x

MANAGEMENT

- Server Status
- Client Connection
- Users and Privileges
- Status and System
- Data Export
- Data Import/Restore

INSTANCE

- Startup / Shutdown
- Server Logs
- Options File

PERFORMANCE

- Dashboard
- Performance Report
- Performance Schema

Query 1 x

```
1 use buildit;  
2 show tables;  
3 select * from users;
```

Limit to 1000 rows

100% 21:3

SCHEMAS

Filter objects

- buildit
 - Tables
 - contr...
 - users
 - Views
 - Stored P...
 - Functions
- lab6

Result Grid

	userID	username	password	firstNa...	lastName	commonN...	joinDate
1	s		\$2y\$10\$P5GCUvKIXdOHic6gozhP7OWzIxDP...	s	s	NULL	2018-04-
2	AlanParadise1		\$2y\$10\$QAOpiYvRs8sy2.GGfa3oluk3323TeEK...	Alan	Paradise	NULL	2018-04-
3	AlanParadise2		\$2y\$10\$ZJ1oXFjUcaFTz.adQBfwug9cQOOm1...	Alan	Paradise	NULL	2018-04-
4	prassana		\$2y\$10\$nGWA19Fbr5Z7wa5Oso6W9.yAgkwcE...	Prasan...	Srinivasac...	NULL	2018-04-
5	BESTAlan		\$2y\$10\$rayiqJ1RBah/mPLEW3ZYefpNK1NNH...	Alan	Paradise	NULL	2018-04-
6	Number1Alan		\$2y\$10\$7XvNZAr62/BjyKDYSZ8fte9wY9ED/yD...	Alan	Paradise	NULL	2018-04-
7	SaviorAlan		\$2y\$10\$Pd7uQHf0WslBwN7qZO00ucCpoikL8h...	Alan	Paradise	NULL	2018-04-
	NULL	NULL	NULL	NULL	NULL	NULL	NULL

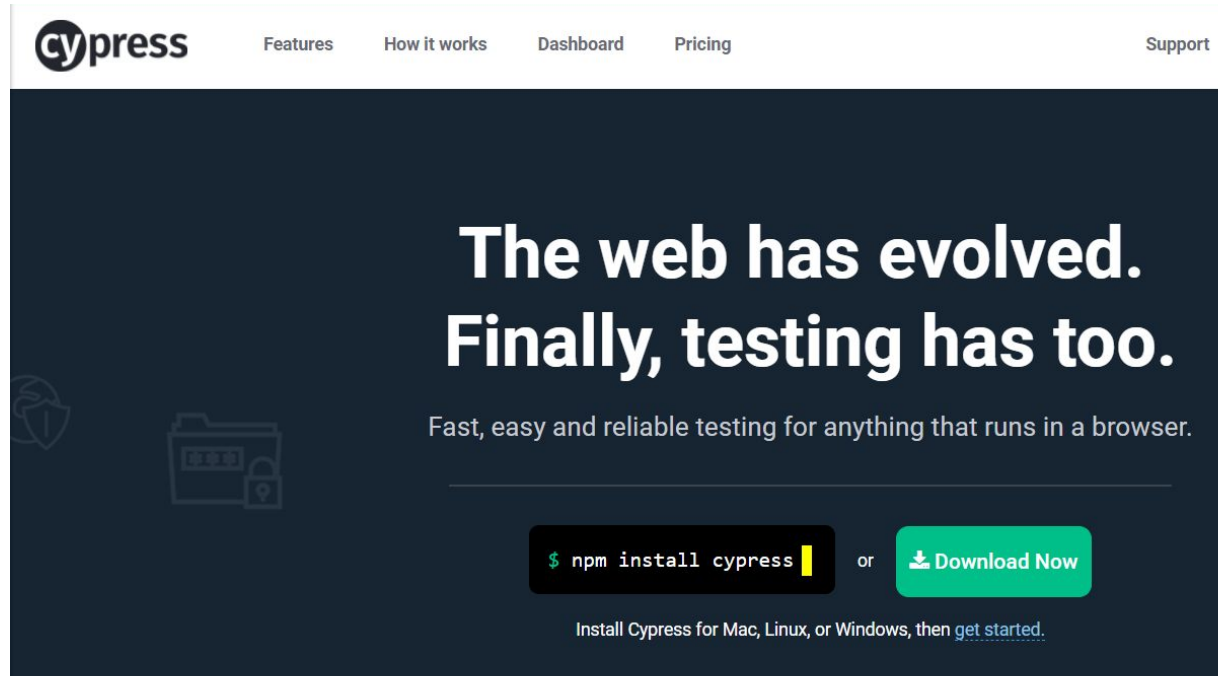
users 7

Apply

Result Grid

Form Editor

Testing Tool: Cypress.io Rating: 8/10



The screenshot shows the Cypress.io website. At the top is a navigation bar with the Cypress logo, links for Features, How it works, Dashboard, Pricing, and Support. The main content area has a dark blue background with the headline "The web has evolved. Finally, testing has too." in large white text. Below this is a sub-headline "Fast, easy and reliable testing for anything that runs in a browser." and a faint background illustration of a folder with a lock. At the bottom, there are two buttons: a black button with the text "\$ npm install cypress" and a green button with a download icon and the text "Download Now". Below the buttons, it says "Install Cypress for Mac, Linux, or Windows, then [get started.](#)"

AWARDSPACE


Deployment Environment:

Website Hosted on AwardSpace.com

Rating: 2/10



AWARDSPACE

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Free web hosting + a free short domain, PHP, MySQL, App Installer, Email Sending & No Ads

[Give it a try](#)



FTP Tool

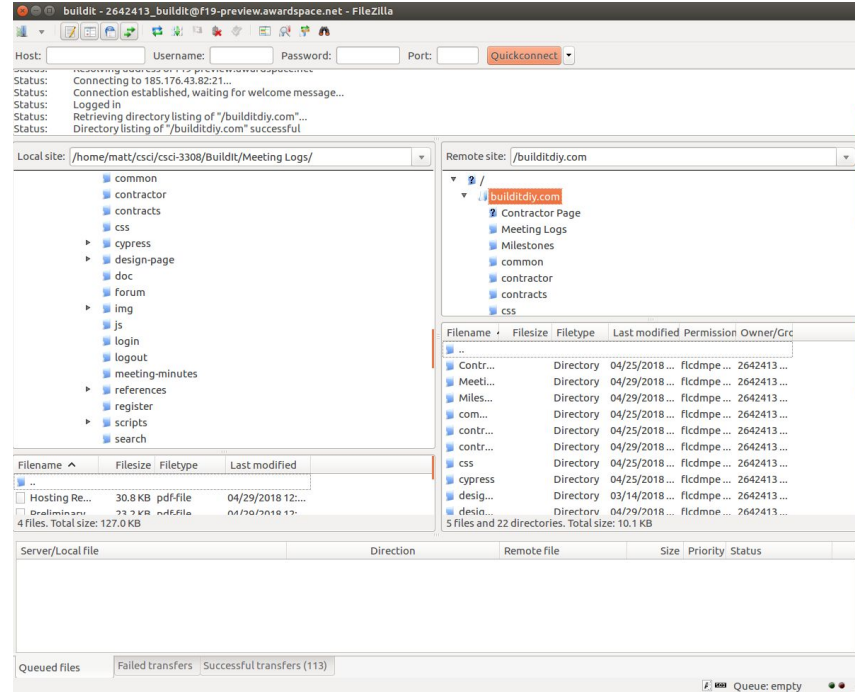


FileZilla

Allowed us to transfer files
from localhost to
AwardSpace



Rating: 6/10



IDE



Rating: 10/10

PHPStorm

```
12 $lastname = trim(mysql_real_escape_string($conn, $_POST['lastname']));
13 $city = trim(mysql_real_escape_string($conn, $_POST['city']));
14 $state = trim(mysql_real_escape_string($conn, $_POST['state']));
15 $username = trim(mysql_real_escape_string($conn, $_POST['username']));
16 //password = md5(mysql_real_escape_string($conn, $_POST['password']));
17 $email = trim(mysql_real_escape_string($conn, $_POST['email']));
18
19 // Make sure the username is unique
20 $checkusername = mysql_query($conn, "SELECT * FROM users WHERE username = '". $username . "'");
21 if(mysql_num_rows($checkusername) == 1)
22 {
23     echo "<h3>Error</h3>";
24     echo "<p>Sorry, that username is taken. Please go back and try again.</p>";
25 }
26 elseif(empty(trim($_POST['password'])))
27 {
28     echo "Enter a password.";
29 }
30 elseif(strlen(trim($_POST['password'])) < 6)
31 {
32     echo "The password must have at least 6 characters.";
33 }
34 else
35 {
36     // use bcrypt for password hashing (slower algorithm than md5 and requires multiple rounds, making attacks require infeasible amounts of resources).
37     $password = password_hash(trim(mysql_real_escape_string($conn, $_POST['password'])), PASSWORD_DEFAULT);
38     // Insert information into users database
39     $querystring = "INSERT INTO users (firstName, lastName, city, state, username, password, email, joinDate)
40     VALUES ('". $first_name . "',
41     $city,
42     $state,
43     $username,
44     $password,
45     $email,
46     NOW())";
47     $registerquery = mysql_query($conn, $querystring);
48     if($registerquery)
49     {
50         echo "<h3>Success</h3>";
51         echo "<p>Your account was successfully created. Please <a href='\"/\"'>click here to return to the main page.</a></p>";
52     }
53     else
54     {
55         echo "<h3>Error</h3>";
56         echo "<p>Sorry, your registration failed. Please go <a href='\"/register/index.php\">back</a> and try again.</p>";
57     }
58 }
```



Stack Architecture

Hosted on Apache Server

MySQL Database

PHP Integration



Challenges Encountered:

1. Lost a Soldier
2. Learning Curve
3. Time Constraints



Demo!

<http://builditdiy.com/>

