

Team 3 Week 9 Deliverables

This Weeks Project Velocity

10 Use Cases Finished – Medium Productivity Week

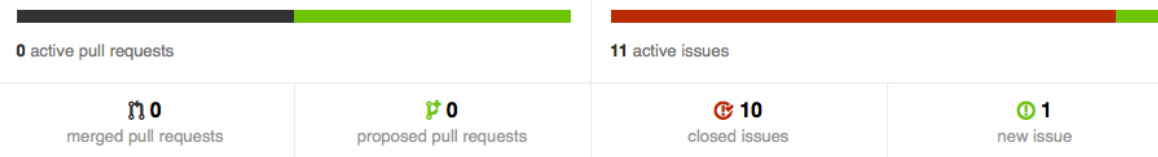
The Medium productivity was likely due to personal commitments; several team members were busy with events in their personal lives that prevented them from working as much. Also the fourth of July holiday was this week and the team did not work on this day.

Status for Sprint 2

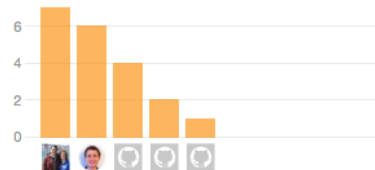
June 30 2013 - July 07 2013

Period: 1 week

Overview



5 authors have pushed 20 commits to all branches, excluding merges. On master, 219 files have changed and there have been 2,980 additions and 67,355 deletions.



10 Issues closed by 3 people

closed #47 View Batch notes a month ago

closed #57 View a measurement 5 hours ago

closed #56 Delete a measurement 5 hours ago

closed #55 Edit Measurements 5 hours ago

closed #53 Batch Edit For Shows Wrong Type 2 days ago

closed #54 Edit Batch Notes a day ago

closed #11 User can delete their account 2 months ago

closed #51 Deploy to Azure 4 days ago

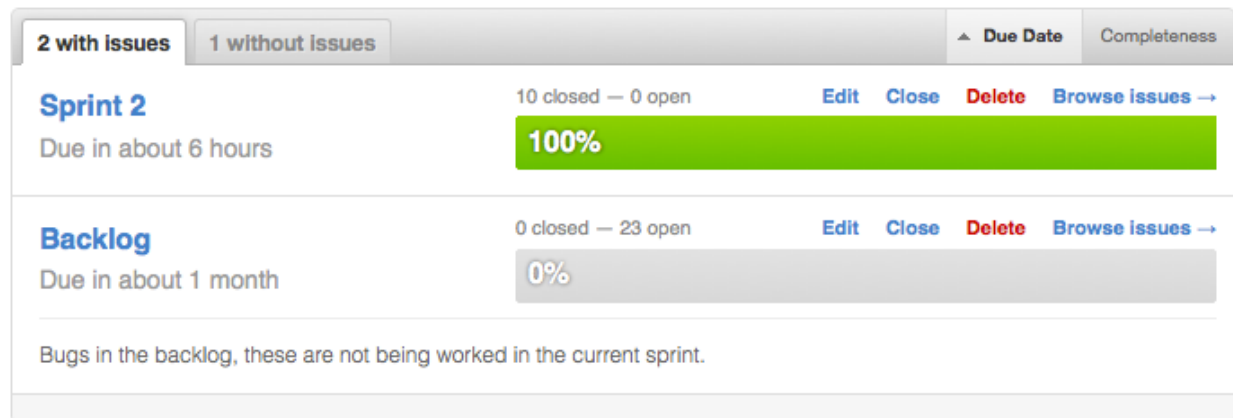
closed #15 User can delete notes 2 months ago

closed #50 Batch type is not saved when a new batch is created 7 days ago

1 Issue created by 1 person

opened #52 Index page requires login to view 2 days ago

Each of the use cases that were completed this week is shown above. In addition, one new issue was filed this week and has been added to the backlog. All items that were not completed in Sprint 2 have been moved back onto the backlog. They will be reprioritized at the start of Sprint 3. There are currently 23 issues on in the backlog. Some of them have some progress made, but were not completed in time for the Sprint 2 deadline. Most have not yet been started.



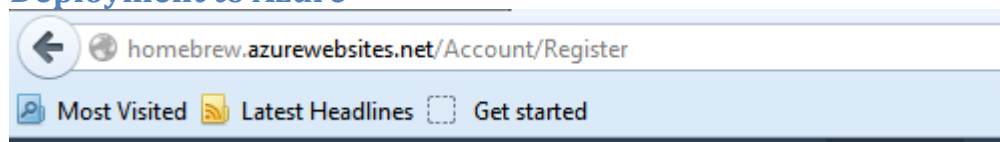
Test Results

Failed Tests (7)		
✖ Index		3 sec
✖ Login_TEST		10 sec
✖ LogOff_TEST		3 sec
✖ TestAddMeasurement		6 sec
✖ TestBatchList		4 sec
✖ TestBatchOnlyOwnedList		4 sec
✖ TestEditBatch		2 sec
Passed Tests (29)		
✔ RegisterUser_TEST		5 sec
✔ TestABV		4 ms
✔ TestABVPercentage		1 ms
✔ TestAddBatchAction		3 sec
✔ TestAddBatchNotes		3 sec
✔ TestAddMeasurement		3 sec
✔ TestAddToInventory		3 sec
✔ TestBatchAndUserMustBeU...		3 sec
✔ TestCanRetrieveAssociated...		3 sec
✔ TestCanRetrieveAssociated...		3 sec

✓ TestCanRetrieveAssociated...	3 sec
✓ TestCanRetrieveAssociated...	3 sec
✓ TestCanRetrieveAssociated...	4 sec
✓ TestCommentCanBeExactly...	3 sec
✓ TestCommentCannotBeEm...	4 sec
✓ TestCommentCannotBeLon...	4 sec
✓ TestCreateBatch	3 sec
✓ TestCreateBatchComment	3 sec
✓ TestCreateBatchRating	3 sec
✓ TestEditBatchNotes	3 sec
✓ TestRatingCanHaveComme...	3 sec
✓ TestRatingCanHaveNullCo...	3 sec
✓ TestRemoveAccount	3 sec
✓ TestRemoveBatchAction	3 sec
✓ TestRemoveBatchNotes	3 sec
✓ TestRemoveMeasurement	4 sec
✓ TestUserCanHaveMultipleR...	4 sec
✓ TestViewBacthActions	3 sec
✓ UserCanEditAccountInform...	3 sec
✓ UserCanEnterZipToFindBre...	3 sec

Sprint 2 Review: Key Functionality

1.1 Deployment to Azure



The deployed system can be seen and used at the URL: <http://homebrew.azurewebsites.net/> this is the production version of the site and is updated with each commit. Anyone can create an account on the site and use the application in its current state.

1.2 Log-In Return When Trying to Directly Click on Recipes

homebrew.azurewebsites.net/Account/Login?ReturnUrl=%2fRecipe

Most Visited Latest Headlines Get started

BrewersBuddy Recipes Batches Users

Log in.

Use a local account to log in.

User name

Password

☐ Remember me

Log in

[Recover if you forgot your password.](#)

[Register if you don't have an account.](#)

© PSU SWENG 500 Team 3

1.3 UI Refinement

BrewersBuddy Recipes Batches Users Pistorius1

Make great beer

Brewers Buddy helps home brewers perfect the perfect beer and wine recipes.

Get started today

Popular Reciplies

- A recipe
- Another recipe

View more »

Recently Shared

- A recipe
- Another recipe

View more »

Popular Users

- A user
- Another user

View more »

© PSU SWENG 500 Team 3

1.4 Additional UI Refinement

BrewersBuddy

Recipes

Batches

Users

[< All Batches](#)

Create

Name

Batch 1 AKA.. Deliciousness

Type

Beer

Description

Here is batch one. It smells like malted barley and goodness.

Create

1.5 Added Measurements and Readings to a Batch

BrewersBuddy

Recipes

Batches

Users

jon

AddMeasurement

Measurement

Name

PH Measurement

Description

This is the weekly PH

Value

5.5

Measured

PH

Create

[Back to List](#)

© PSU SWENG 500 Team 3

1.6 User Can Add Notes About a Batch

BrewersBuddy

Recipes

Batches

Users

jon

View1

BatchNote

Title

Additive information

Text

This time, I tried using oak chips from a different supplier. These oak chips were more expensive, but I hope they will provide a better flavor.

Create

[Back to List](#)

© PSU SWENG 500 Team 3

1.7 User Can Delete a Batch

BrewersBuddy

Recipes

Batches

Users

Pistorius1

Delete Account

Are you sure you want to delete this account? This move is PERMANENT.

AccountInfo

UserName

Pistorius1

FirstName

John

LastName

Pistorius

Email

matthew.pistorius@gmail.com

Delete

[Back](#)

© PSU SWENG 500 Team 3


Selected Code Samples

Delete User Account

55 src2/BrewersBuddy/Controllers/AccountController.cs View file @ 02efeee

```
... 304 @@ -304,6 +304,61 @@ public ActionResult Edit(UserProfile userProfile)
304 304
305 305     #endregion Edit Account
306 306
307 +     #region Delete Account
308 +     //
309 +     // GET: /Account/Delete/
310 +
311 +
312 +     public ActionResult Delete()
313 +     {
314 +         BrewersBuddyContext db = new BrewersBuddyContext();
315 +
316 +         var currentUser = User.Identity.Name;
317 +         UserProfile user = db.UserProfiles.FirstOrDefault(u => u.UserName.ToLower() == currentUser.ToLower());
318 +
319 +         if (user == null)
320 +         {
321 +             // Some problem occurred
322 +             return HttpNotFound();
323 +         }
324 +         return View(user);
325 +     }
326 +
327 +
328 +     //
329 +     // POST: /Account/Delete/
330 +
331 +     [HttpPost, ActionName("Delete")]
332 +     [ValidateAntiForgeryToken]
333 +     public ActionResult DeleteConfirmed(UserProfile user)
334 +     {
335 +         WebSecurity.Logout();
336 +         OAuthWebSecurity.DeleteAccount(user.UserName, user.UserId.ToString());
337 +
338 +         UserProfile user1 = db.UserProfiles.Find(user.UserId);
339 +
340 +         // Remove all user batches
341 +         var ownedBatches = from batch in db.Batches
342 +                             where (batch.OwnerId == user.UserId)
343 +                             select batch;
344 +         if (ownedBatches != null)
```

Unit Test For Deleting Account

29  srcZ/BrewersBuddy.Tests/Controllers/AccountControllerTest.cs [View file @ 02efeee](#)

```
...  ... @@ -111,7 +111,34 @@ public void UserCanEditAccountInformation_TEST()  
111 111     }  
112 112  
113 113  
114 - [Test]  
114 + [Test]  
115 + public void TestRemoveAccount()  
116 + {  
117 +     // Act  
118 +     UserProfile userProfile = new UserProfile();  
119 +     userProfile.UserName = "NUNIT_Test";  
120 +     userProfile.Email = "NUNIT@Test.com";  
121 +     userProfile.FirstName = "Nunit";  
122 +     userProfile.LastName = "Test";  
123 +     userProfile.City = "Brewery";  
124 +     userProfile.State = "KS";  
125 +     userProfile.Zip = "12345";  
126 +  
127 +     context.UserProfiles.Add(userProfile);  
128 +     context.SaveChanges();  
129 +  
130 +     UserProfile user = context.UserProfiles.FirstOrDefault(item => item.UserName == "NUNIT_Test");  
131 +     Assert.AreNotEqual(user, null);  
132 +  
133 +     context.UserProfiles.Remove(user);  
134 +     context.SaveChanges();  
135 +  
136 +     UserProfile user1 = context.UserProfiles.FirstOrDefault(item => item.UserName == "NUNIT_Test");  
137 +     Assert.AreEqual(user1, null);  
138 + }  
139 +  
140 +  
141 + [Test]  
115 142 public void UserCanEnterZipToFindBrewers_TEST()  
116 143 {  
117 144     // Act
```


UI CSS Changes

```
35 + padding: 0 !important;
36 +}
37 +
38 +.dropdown-menu a {
39 + display: block;
40 + padding: 3px 20px;
41 + clear: both;
42 + font-weight: normal;
43 + line-height: 20px;
44 + color: #ffffff;
45 + white-space: nowrap;
46 +}
47 +
48 +.dropdown-menu a:hover,
49 +.dropdown-menu a:focus,
50 +.dropdown-submenu:hover > a,
51 +.dropdown-submenu:focus > a {
52 + color: #ffffff;
53 + text-decoration: none;
54 + background-color: #17b394;
55 + background-image: -moz-linear-gradient(top, #18bc9c, #15a589);
56 + background-image: -webkit-gradient(linear, 0 0, 0 100%, from(#18bc9c), to(#15a589));
57 + background-image: -webkit-linear-gradient(top, #18bc9c, #15a589);
58 + background-image: -o-linear-gradient(top, #18bc9c, #15a589);
59 + background-image: linear-gradient(to bottom, #18bc9c, #15a589);
60 + background-repeat: repeat-x;
61 + filter: progid:DXImageTransform.Microsoft.gradient(startColorstr='#ff18bc9c', endColorstr='#ff15a589', GradientType=0);
145 62 }
146 63 }
```

Add Measurements To Batch

37 View file @ 880a89c

```
...  ... @@ -242,6 +242,43 @@ public ActionResult AddNote(BatchNote note)
242 242         return View(note);
243 243     }
244 244
245 +     public ActionResult AddMeasurement(int id = 0)
246 +     {
247 +         Batch batch = db.Batches.Find(id);
248 +
249 +         if (batch == null)
250 +         {
251 +             return HttpNotFound();
252 +         }
253 +
254 +         Session["CurrentBatchId"] = batch.BatchId;
255 +
256 +         return View();
257 +     }
258 +
259 +     [HttpPost]
260 +     [ValidateAntiForgeryToken]
261 +     public ActionResult AddMeasurement(Measurement measurement)
262 +     {
263 +         if (ModelState.IsValid)
264 +         {
265 +             //Add the date
266 +             measurement.MeasurementDate = DateTime.Now;
267 +
268 +             //Associate the batch with the measurement
269 +             int batchId = (int)Session["CurrentBatchId"];
270 +             Batch batch = db.Batches.Find(batchId);
271 +             measurement.Batch = batch;
272 +
273 +             db.Entry(measurement).State = EntityState.Added;
274 +             batch.Measurements.Add(measurement);
275 +             db.SaveChanges();
276 +             return RedirectToAction("Details/" + batch.BatchId);
277 +         }
278 +
279 +         return View(measurement);
280 +     }
281 +
282 282     //
283 283     // GET: /Batch/{BatchId}/AddMeasurement
```

2. Retrospective

What Went Well

1. The user interface is becoming coherent and usability is improving. Compared to last sprint, our interface is much more usable and looks much better.
2. Deployment to Azure. PAL can now see and use our application and give feedback.
3. The new user interface looks much better.
4. We are all learning. Greg specifically has learned a lot and become able to contribute more.
5. We're getting to the point where portions of the product are usable.
6. We're getting better at the ASP MVC framework.

What could be improved

1. Communication can be better We often don't know what others are working on.
2. Our test coverage seems to be slipping. This is mainly because we are having trouble determining how to implement tests for some scenarios. In some cases, the framework does not make testing easy at all.
3. Our migration files and database seems to have gotten out conflicted and broken in some way.
4. Gregg is having problems with GitHub. He is unable to select or deselect assignee, labels, and milestones. We don't know why this is only happening to him.
5. Team members were busy in their personal lives and the sprint velocity decreased.
6. We still have some key use cases we need to work on.
7. We should try to meet more often.
8. Coordination, we really haven't been planning out our goals or direction. It seems like everyone is just picking some random thing to work on. Our efforts are not coordinated.
9. Backlog management, as we move into the final sprint, we will need to make difficult decisions about what is worked on and what is not. Some features will likely slip and not be completed. It is unclear how we are going to make these determinations and prioritize our work.

2.4 Additional Accomplishments

- Cleaned up the Add Batch note functionality.
- Added the NSubstitute framework to our project for using Mock objects in unit tests.
- Fixed RemoveBatchNoteTest.
- Mocked frameworks and converted all tests to NUnit from MSTest
- Fix to allow batches with notes to be deleted
- Updated Use Cases & Software Requirements Specification
- Further progress with adding batch actions, but still blocked by a bug.
- Fixed bug in search to not show "No Results when results are shown"
- Added search functionality to Users link (before I knew that it was on backlog)
- Fixed BrewsBuddy link to take user to home page.
- Users can now delete their account
- Added TestRemoveAccount (passes)
- Users can look up friends