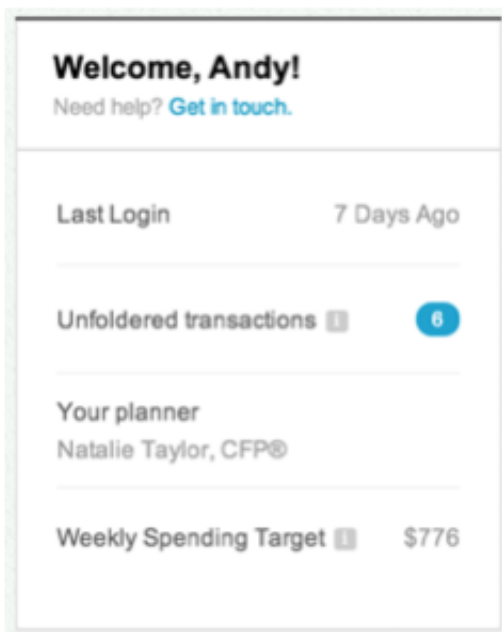


LearnVest

1. [Task 1 - Risk Analysis](#)
2. [Task 2 - Data Analysis](#)
3. [Task 3 - Test Cases](#)
4. [Task 4 - Issue Triaging](#)
5. [Task 4 - Automation](#)

Scenario

You are given the task to test out a new area of the website that gives the user a snapshot of important information once they login. You are given both an image of the design and acceptance criteria / requirements. Please review them below:



Acceptance Criteria / Requirements

Users should see a welcome module in which they are presented with the following information:

1. A welcome message which includes their first name
2. Information about the last time they logged in
3. Number of bank/credit card transactions they have which need to be manually categorized by the user.
 - Categories are normally assigned automatically via an algorithm.

- Example category might be rent, gas, restaurants, etc.
- In the case where it can't automatically be categorized, it will be `unfolded`.
- Clicking on this link takes you to a transactions screen

4. The name of your planner
5. How much money you are allowed to spend every week

Task 1

Write a list of questions or uncertainties you may have that you would ask a designer or stakeholder concerning the image or acceptance criteria/requirements.

Task 1 - Response

So I took the liberty of categorizing my list of questions or uncertainties.

For each within, `DES` = designer, `PRO` = product, `STA` = stakeholders.

Best Practices

1. Acceptance criteria should be documented in the form of user stories. See [ProfileOverviewComponent_FSD.md](#) `PRO`
2. Design specifications should be contained to views or viewports where applicable.
 - In the context of this, let's call it `Profile Overview Component`, it either is contained within a parent element, like a menu or a modal or view of its own. See [ProfileOverviewComponent_Design.png](#).
 - Also the design should state the view port it is being enhanced for. For the example above the viewport it is optimized for is `1024X768`
3. Design should be done mobile first. `PRO` & `DES`
4. Design should reference a pattern library for components. `PRO` & `DES`
5. Design should also reference a style guide. `PRO` & `DES`
 - Style guides usually reference fonts used,
 - sizes for optimization across device and web kits,
 - taglines and marketing goals to be targeted.
6. Specifications should also reference Compatibility and Boundary `PRO`
7. Presentation can be optimized using tools like <https://www.invisionapp.com/> and the like. `DES`

User Experience

1. It isn't clear as to whether or not **■** is a button or a modal on hover displaying information. It is also used twice in separate locations, where one is documented to be a link to another view. **DES**
2. Buttons and links should be clearly defined for the user as call to actions. **DES**
3. Unclear as to whether [modular scale](#) or [responsive font size practices](#) are used. **DES**
4. Unclear as to whether [atomic design](#) approaches are practiced. **DES**

Test Scope

1. Which view(s) is (are) this component a child of?
2. Does the test plan for this component extend itself to the modules that it includes? **STA**
 - For example, **Unfolded Transactions Component** .
 - Does this test plan include testing it against an acceptance criteria of its' own?
 - If so, are there **epics** & **stories** for them? (see example: [ProfileOverviewComponent_FSD.md](#))
3. Is this **Profile Overview Component** static or refreshed on a cron or a "last-update" basis? **STA**
4. Are all modules for this component functional? **STA**
 - For example the contact via **Get in touch** .
 - Given for **1** , it is in the scope of this test.
5. Is this component a priority feature for the **smoke** suite? **STA**
6. Should it also be in the the **regression** suite? **STA**
7. Are there any known caveats or issues to take in to consideration? **STA**

Task 2

Write a list of data or users in a certain state that you may need to properly test this.

Task 2 - Response

In [ProfileOverviewComponent_FSD.md](#), the user stories contain some of the variables, parameters and states that I need at minimum to test these stories.

They look like:

```
1 | Scenario: I want to view the last time I logged in
2 | Given I am on My Profile Overview
3 | And I am `${isLoggedIn}`
4 | Then I should see `Last Login`
5 | And I should see `${lastLoggedIn}`
```

Test Data and States

1. User types:

- Ideal User
 - This user meets all required data points,
 - including the optional data points,
 - ideally a user in the system with reoccurring transactions.
- Secondary Ideal User
 - This user meets all required data points,
 - missing n optional data points,
 - inconsistent transaction history.
- Invalid User
 - A user that is either not verified or doesn't meet member requirements,
 - therefore, returns `Logged Out` or `Verification Required`,
 - user could also not exist in the system.

2. States for each user type, except invalid:

- A user with multiple integrations and ongoing history, no `unfolded transactions`.
- A user with 1 integration and no ongoing history, less than 2 `unfolded transactions`.
- A user less than 1 integration and ongoing history, with multiple `unfolded transactions`.
- A user with no planner.
- A user with a planner with no certifications.
- A user with an unusually old `Last Login` date.
- A `new` user.
- A user with a high `Weekly Spending Target`.
- A user with a medium `Weekly Spending Target`.
- A user with a low `Weekly Spending Target`.
- A user with no current generated `Weekly Spending Target`.
- Logged out user.
- Logged in user.
- User in changed password state.

3. Views and states applicable:
- For example, `Settings` view.

Task 3

Write a list of high-level test scenarios that you can think of based only on the design and acceptance criteria you are given. After you list them out, number them in terms of priority (`1` - must test, `2` - should test, `3` - test only if there is time).

Task 3 - Response

See the stories here: [ProfileOverviewComponent_FSD.md](#).

Priority	Scenario	Reason
1	I want to use my profile overview	This is the epic, parent for all children that follows.
2	I want a customized welcome message	Seems secondary to <code>Unfolded Transactions</code> & <code>Weekly Spending Target</code>
2	I want to view the last time I logged in	Seems secondary to <code>Unfolded Transactions</code> & <code>Weekly Spending Target</code>
1	I want to view my notifications	This module is the parent for <code>Unfolded Transactions</code> .
1	I want to view the number of Unfolded Transactions I have	Seems that this is a main driver for this service, tied closer to marketing goals.
1	I want to view my planner	Seems that this is also a main driver for this service, tied closer to marketing goals.
1	I want to view my Weekly Spending Target	Seems that this is also a main driver for this service, tied closer to marketing goals.

Task 4

Imagine that you find a defect while testing the above. Write a sample defect report.

Task 4 - Response

I actually [wrote about this](#) a while ago. Here are the snippets that apply:

1. Where the issue was observed?
2. What site was this on?
3. What browser or device were you using?
4. What are the steps to reproduce the issue?
5. What was the expected result?
6. What was the actual result?
7. Other things that you should include in your bug ticket:
 1. Any specification documents relating to the functionality. This helps provide a trail and additional information when working on the issue.
 2. Screenshots or video of the issue. Sometimes a picture is worth a thousand words, and a video is worth exponentially more than that. These can provide insight into the issue that a written description never could.

TICKET-123

Summary: Clicking `Unfolded Transactions` redirects user to `/404`

Environment: Environment Agnostic, issue discovered on Chrome 39.x.x, <http://example.com/Profile>, Logged in as `testUser_09` / `passwd0`

Acceptance Criteria: [Link to JIRA, Trello, etc.](#)

Description:

Steps to reproduce:

1. Navigate to <http://example.com>
2. Log in as `testUser_09`
3. Press `Profile` from navigation bar
4. Press `Unfolded Transactions`
5. Notice user is redirected to `/404`
6. **Expected:** to be on `/Profile`

Task 5

What scenarios would you consider valid for automation? Why?

Task 5 - Response

This component is small enough to be able to be quickly automated, at least for the `green` or

`valid paths` . The paths of which do not test error handling or edge cases. However, they should be noted so they can be automated later. Automating based on a priority scale is important too.

Given that the concerns regarding the test scope are addressed and all components are expected to be tested apart of this test plan, then automating around `Unfolded Transactions` & `Weekly Spending Target` components is a good strategy.

Take each story in [ProfileOverviewComponent_FSD.md](#), flesh out scenarios for each test type, or scaffold scenarios under each type, for the types applied.

1. Black-Box
2. White-Box
3. Unit
4. Incremental Integration
5. Integration
6. Functional
7. System
8. End-to-End
9. Sanity
10. Regression
11. Acceptance, UAT
12. Load
13. Stress
14. Performance
15. Usability
16. Installation
17. Recovery
18. Security
19. Compatibility
20. Comparison
21. Alpha
22. Beta

After mapping epics, stories and scenarios to suites and test types, a test plan and schedule should be drafted.