Purpose

Identify product design and functionality, in the context of potential product users. Anticipated visitors' behavior are documented to promote development of a solution aimed at meeting client needs.

How User Stories Will Be Designed

User Story Statement

Follow this simple pattern: "As a _____, I want _____, so that _____."

Feature Tasks

Define tasks the user will want to perform based on the user story.

~~Acceptance Tests~~

~~Using the goals of the user story as a basis, define single-sentance acceptance test descriptions that can be used to verify the Feature Tasks are complete.~~

Work Estimates

Estimate the size of each user story from "small" (0 - 2 hours) to "extra large" (1 - 2 days). Document the estimate for the user story and when completed, update the user story "Actual" work/effort (in hours or days).

Generally

Keep the user stories short and open to interpretation.
Stories are client-side views of what is wanted of the site, which the development team can then implement.
The users' end goals should be clearly communicated.
Acceptance testing requirements should be included to answer the question: "Does the app address this user's need?" (pass/fail).

User Stories INVEST the App in the Users

- **Independent**: Stories exist on their own, without dependency on other user stories.
- **Negotiable**: Can always be adjusted and rewritten until they are coded into the app.
- **Valuable**: Users should perceive value from implementation of the feature or capability.
- **Estimable**: Must be designed so as the size of the story can be estimated (specific enough to implement and test against; generic enough to describe common "golden path" high-value use case).
- **Small**: The user story is too big and broad if it cannot be planned for, tasked, or prioritized with certainty.
- **Testable**: If the user story cannot be easily testable it should be rewritten to provide information so that tests can be written and executed against the story.

References

Code Fellows User Stories Common Curriculum Document.

User Stories

College Student Alan

As a College Student, I need to build a computer to recommended specifications but I don't necessarily know what they all mean.

Feature Tasks

- Alan can select "some computer knowledge" as his knowledge-level to begin picking parts.
- Display a round number of images (less than gamer, more than occasional use).
- Display components as images that are easily identifiable.
- Select components that use common terminology instead of specifications i.e. "16 GB of RAM".
- Preview the order using the same terminology as component selection.
- Submit the cart order and display an order confirmation page with cost and delivery estimate.

Effort Estimate

Medium: 4-6 hrs.

Retired Retail Manager Brionna

As a retired manager looking to buy a computer, I want to just point and click to purchase a new computer so I can stream music and purchase travel tickets to see the world, and I really don't care about details, I just want something that works and isn't too expensive.

Feature Tasks

- Brionna can select "occasional use" as her preference/knowledge-level to begin a new order.
- Display the fewest number of items of all selection types.
- Display components as images that are easily identifiable.
- Display limited components that are just enough to get simple computer tasks accomplished and do not cost much.
- Select components that use layman terminology i.e. "Memory".
- Preview the order using the same terminology as component selection.
- Submit the cart order and display an order confirmation page with cost and delivery estimate.

Effort Estimate

Medium: 4-6 hrs.

Young Adult Uber Gamer Chelsea

As a gamer in my 20's I don't have time for laggy graphics or dropped packets so I want to buy a high performance computer to meet my gaming dreams, and I need to know specific complex details so I can choose the right components to build my dream machine and I have money to spend on this.

Feature Tasks

- Chelsa can select "I know what I'm doing" as her preference/knowledge-level to begin a new order.
- Display more images than the other selection types.
- Display components as images that are easily identifiable.
- Display many high performance, premium priced components to select from.
- Select components that use layman terminology i.e. "Corsair Vengeance LED 16GiB DDR4 (2x8GB) 3200MHz".
- Preview the order using the same terminology as component selection.
- Submit the cart order and display an order confirmation page cost and a delivery estimate.

Effort Estimate

Large: 1 Day.

Office Manager Daphne

On behalf of our company, I'm organizing an office refresh so that our 20 employees can use their work computers for everyday tasks like email communication, web browsing, and editing spreadsheets.

Feature Tasks

- Daphne can select "some computer knowledge" as her preference/knowledge-level to begin a new order.
- Display a round number of images (less than gamer, more than occasional use).
- Display components as images that are easily identifiable.
- Select components that use common terminology instead of specifications i.e. "16 GB of RAM".
- Preview the order using the same terminology as component selection.
- Submit the cart order and display an order confirmation page with cost and delivery estimate.

Effort Estimate

Medium: 4-6 hours.

Experienced Computer User Ready-to-Buy Eugene

I know exactly what specifications I need, and upon placing my order, I expect to receive an order confirmation, itemized receipt, as well as an estimated delivery time.

Feature Tasks

- Once Eugene has assembled his computer, he can click 'View Cart' to begin the checkout process.
- In the cart, he will see a list of his chosen items, the total cost, along with an estimated assembly time.
- If he is satisfied with this information and ready to make the purchase, he can click 'Checkout,' which will take him to the checkout page.
- He'll enter his name, address, and a (fake) credit card number.
- To finalize the order, he will click 'Place Order'
- Eugene will receive a message containing a 7-digit order confirmation number, along with a list of the items he purchased and the cost.

Effort Estimate

Large: 1 day.

Grandmother Frannie Window Shopping for a New PC

My 8-year-old computer takes forever to upload photos of my grandkids to Facebook, so I'm just starting to shop around for a new one, but I'm not ready to make any decisions.

Feature Tasks

- Frannie needs to be convinced that we are the company for her!
- She should:
  - Be enticed by our website graphics.
  - Come away knowing we are a reputable company.
  - See that we have competitive prices.
- The amount of options should not overwhelm her; they should make the process more approachable and streamlined.

Effort Estimate

Large: 1 day