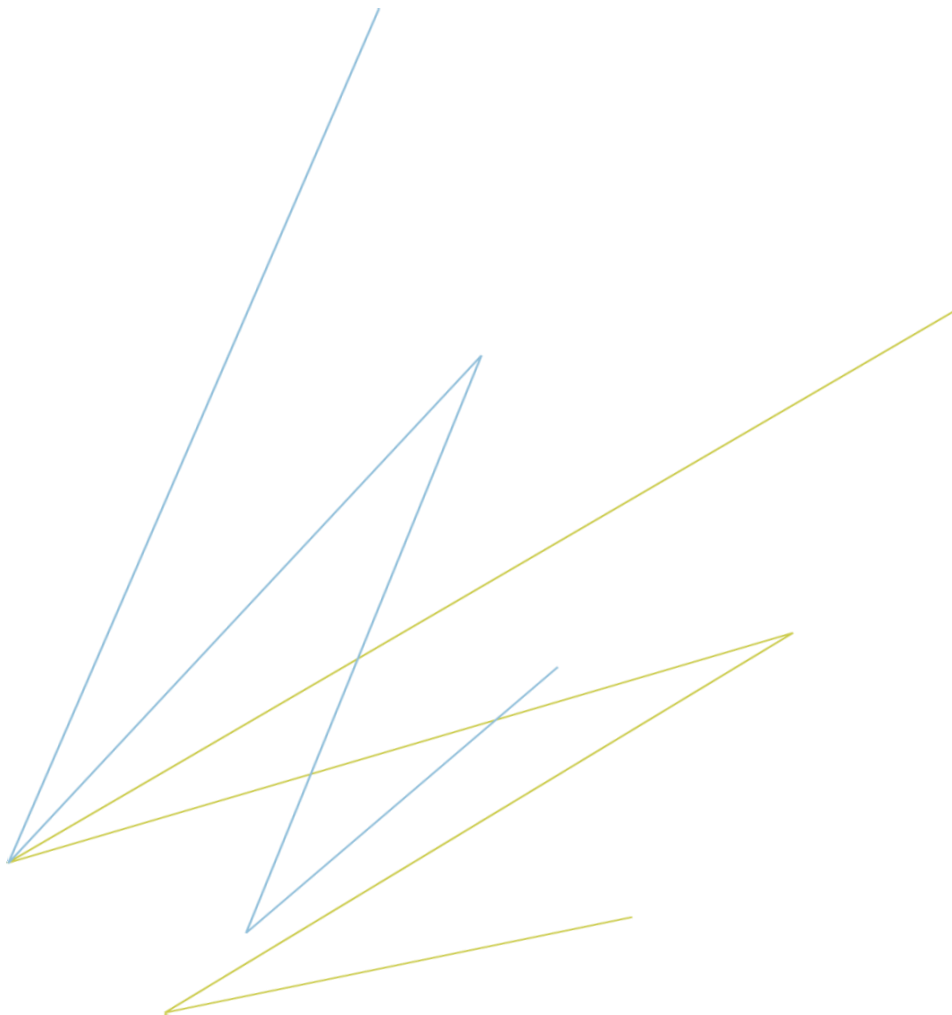


Criteria d

used at least three "human-centered design" techniques or tools

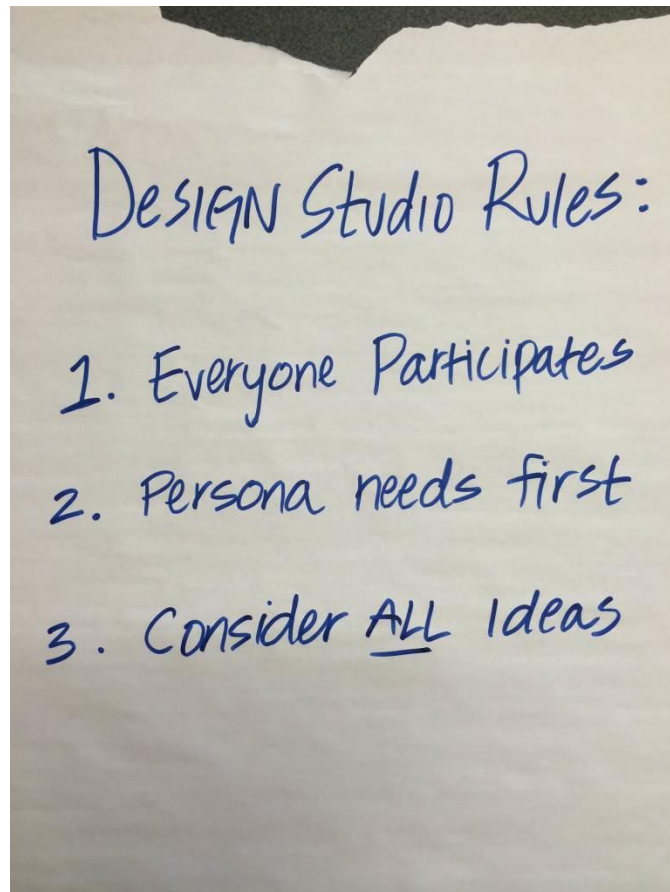
Doing What's Right—Doing What Works



Criteria d:
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Design Studio

We held a light-weight two-hour Design Studio with end users to define distinct user groups (to inform the creation of Personas), understand their goals, and relate their goals to the available datasets. We included the product development team in this Design Studio so they could hear the user needs articulated first-hand, an approach that helps to build empathy and shared understanding between the team and end-users. Kelly defined the rules of the Design Studio and, working with Yasamin, facilitated a brainstorming discussion.



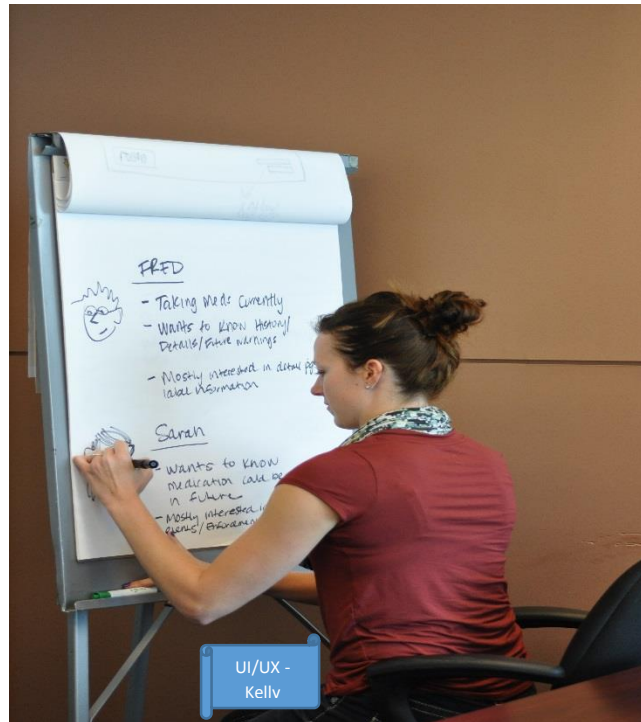
Design Studio Rules to facilitate open exchange of ideas

Yasamin captured ideas on sticky-notes to serve as the initial product backlog and grouped these ideas based on the goals of specific user groups. After defining three key Personas, Kelly began hand-sketching potential page layouts, making modifications in real-time based on user feedback and developer feedback regarding the feasibility of particular approaches based on the datasets available.

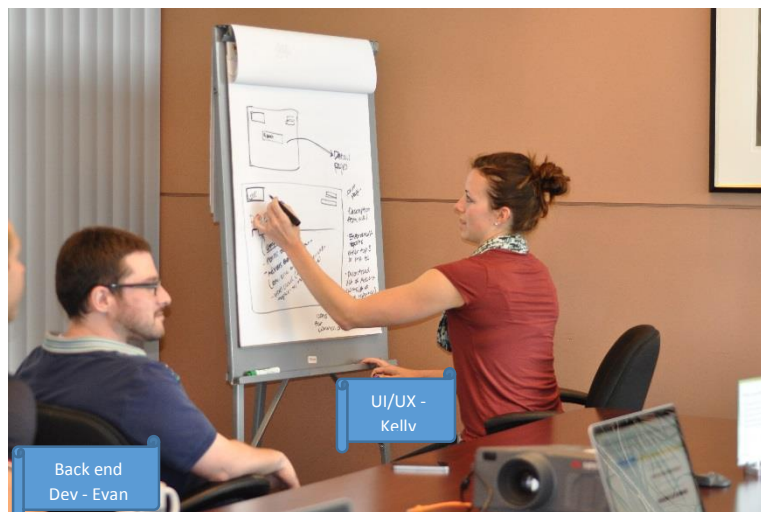
At the end of the Design Studio, Yasamin consolidated the discussion into Epics for tracking in Trello, while Kelly used her initial sketches to inform the development of wireframes. We were ready to rock!



Criteria d:
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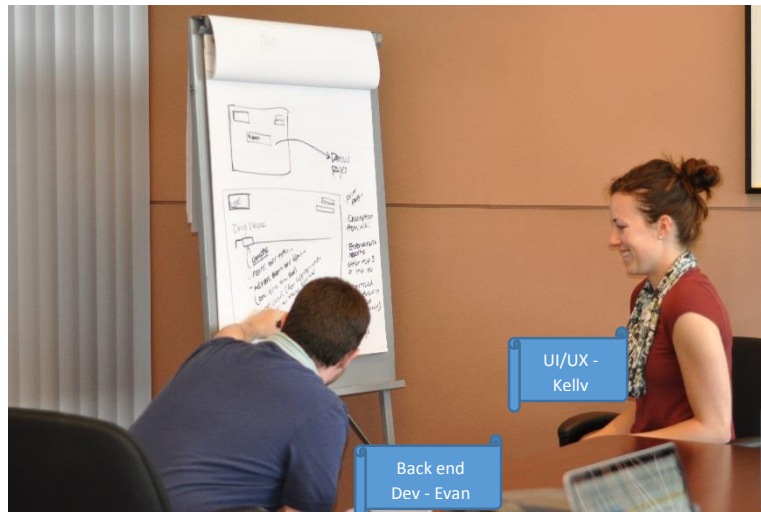
Kelly the UI/UX expert developing user personas.



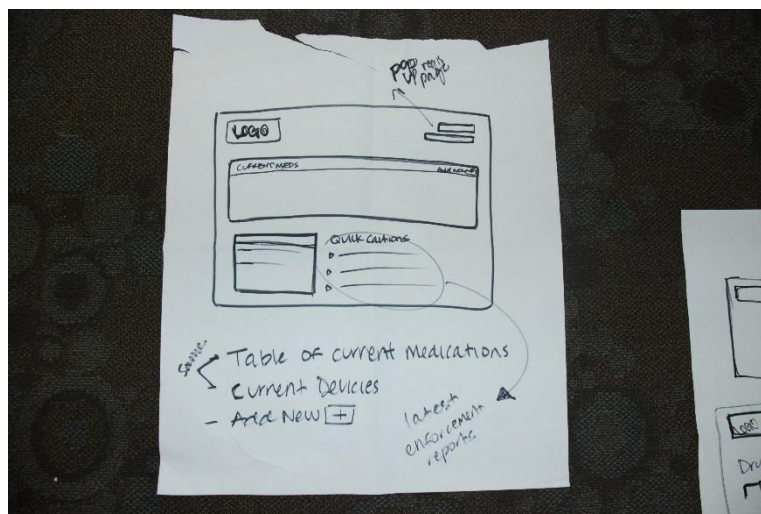
Kelly the UI/UX expert diagramming the prototype wireframes.



Criteria d:
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Backend developer Evan providing input on wireframes.



Wireframe for myHealthAlerts dashboard

From Design Studio to Epics

The epics for developing my Health Alerts are broken as follows:

ID	Epic Title	Epic Details
1	Search bar for medications	As a user I want to be able to search for medications based on the product names. This search bar is to be available to me at all times throughout the tool.



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2	Dashboard for medications	As a user I want to be able to search for any and all of my medications and add it to my dashboard. I want to be able to see all current information available on my medication. I should also be provided a section to record past medications. This view should also provide me a list of most recent alerts.
3	Detailed product view	As a user I want to be able to have a detailed view for each of my products so that I can access all information available. On this view I want to see adverse events, enforcement reports, warning labels and details on the medication
4	Graphical display of historical data	As a user I want to see some graphs showing the historical data available on my medications so that I know if they medication has improved or has gotten worse over time.

Epics Table

In order to incorporate the epics into each User Story, the Trello labels were used to color code each Epic. The following table is a legend for the Epics:

Search bar for medications
Dashboard for medications
Detailed product view
Graphical display of historical data

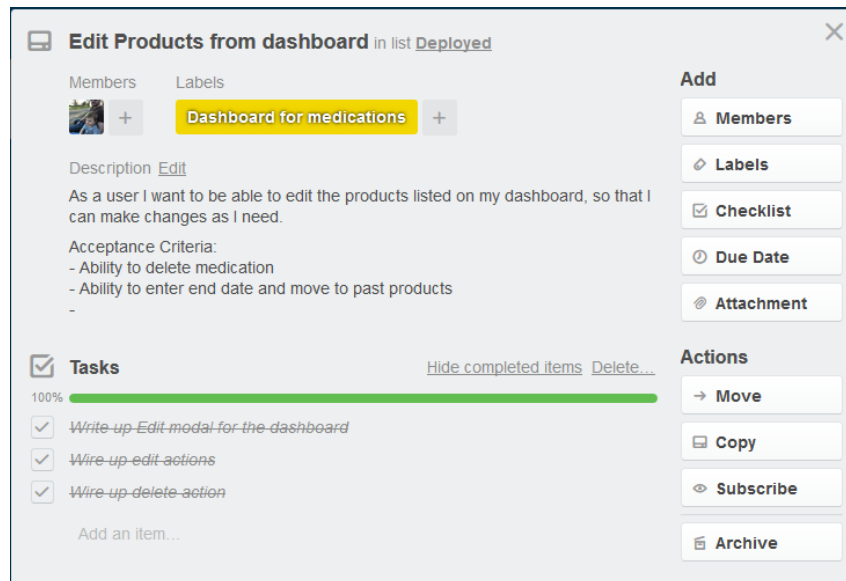
Epics legend as color coded in Trello

Use of Trello

At the start of each day the team conducted a Sprint Planning session, at which time the team was presented with the prioritized backlog and cover User Stories in great detail. The developers asked necessary questions they assigned tasks and members to each User Story. The checklist within each card in Trello was used to capture tasks. The following is an example card showing the Epic label, assigned members, and associated tasks



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Sample User Story card in Trello

Incorporating user feedback

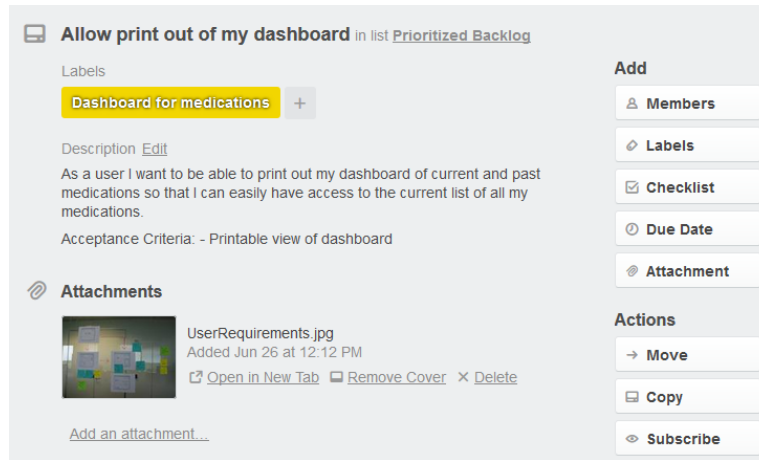
Users provided feedback and change requests in the form of sticky notes. As the product owner analyzed and prioritized the change requests they were incorporated into Trello. The images of these sticky notes were also associated with each Card in Trello.



Input received from end users



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Sample User feedback incorporated as a Card in Trello

