

#	criteria	evidence
a	assigned one leader, gave that person authority and responsibility, and held that person accountable for the quality of the prototype submitted	BE utilized its standard project charter to establish Brian Shafer as the one leader of the prototype development effort. The evidence can be found here: https://github.com/buchanan-edwards/be-safe/blob/master/docs/evidence/Evidence-a.pdf
b	assembled a multidisciplinary and collaborative team including a minimum of 5 labor categories from the Development Pool labor categories to design and develop the prototype	BE utilized 12 labor categories to design and develop the prototype. The evidence can be found here: https://github.com/buchanan-edwards/be-safe/blob/master/docs/evidence/Evidence-b.pdf
c	understand what people need, by including people in the prototype development and design process	BE focused on understanding what our target audience needed and included them throughout the design and development process. We interviewed a diverse audience of people during design and conducted multiple rounds of usability testing. The evidence can be found here: https://github.com/buchanan-edwards/be-safe/blob/master/docs/evidence/Evidence-c.pdf
d	used at least three "human-centered design" techniques or tools	<p>BE employed more than three “human-centered design” tools and techniques by focusing on the needs and wants of BE Safe end users throughout the design and development process. Tools and techniques included (1) end user interviews, (2) personas, (3) sketching, (4) usability testing, and (5) storyboarding. These tools and techniques were included in a cyclical process:</p> <ul style="list-style-type: none"> (1) Research and Inspiration: Developing personas and conducting end user interviews and market research to identify the business requirements for BE Safe (2) Ideation: Sketching, wireframing and storyboarding the design using research collected (3) Implementation: Developing the BE Safe website prototype (4) Research: Conducting usability testing and including new findings and designs into the next development sprint <p>These steps were repeated as necessary until the website was deemed ready for release by the Product Owner. Further evidence can be found here: https://github.com/buchanan-edwards/be-safe/blob/master/docs/evidence/Evidence-d.pdf</p>

e	created or used a design style guide and/or a pattern library	BE is using the SPA over API pattern which is championed by 18F. On an internal basis, we have CSS pattern libraries in bootstrap, application framework using AngularJS, and build patterns using npm, bower, and gulp. Further evidence can be found here: https://github.com/buchanan-edwards/be-safe/blob/master/docs/evidence/Evidence-e.pdf
f	performed usability tests with people	BE performed usability tests with people during the development process. Further evidence and our results can be found here: https://github.com/buchanan-edwards/be-safe/blob/master/docs/evidence/Evidence-f.pdf
g	used an iterative approach, where feedback informed subsequent work or versions of the prototype	BE used its Agile Scrum approach to develop this prototype which includes processes for obtaining feedback and using that feedback to identify and prioritize the work for future sprints. Further evidence of our approach can be found here: https://github.com/buchanan-edwards/be-safe/blob/master/docs/evidence/Evidence-g.pdf
h	created a prototype that works on multiple devices, and presents a responsive design	BE's prototype application is built using a responsive design and works across multiple devices. It was also tested across multiple devices. Further evidence can be found here: https://github.com/buchanan-edwards/be-safe/blob/master/docs/evidence/Evidence-h.pdf
i	used at least five modern and open-source technologies, regardless of architectural layer (frontend, backend, etc.)	BE utilized more than 5 open-source technologies for the BE Safe prototype including: NodeJS, AngularJS, Express, Linux, Docker and SQLite. Further evidence can be found in our code and here: https://github.com/buchanan-edwards/be-safe/blob/master/docs/evidence/Evidence-i.pdf
j	deployed the prototype on an Infrastructure as a Service (IaaS) or Platform as a Service (PaaS) provider, and indicated which provider they used	BE deployed the prototype on Amazon Web Services and Microsoft Azure. Further evidence can be found here: https://github.com/buchanan-edwards/be-safe/blob/master/docs/evidence/Evidence-j.pdf
k	wrote unit tests for their code	BE developers wrote unit tests for their code. Test were also run during the continuous integration process using Circle CI. Further evidence can be found here: https://github.com/buchanan-edwards/be-safe/blob/master/docs/evidence/Evidence-k.pdf
l	set up or used a continuous integration system to automate the running of tests and continuously deployed their code to their IaaS or PaaS provider	BE set up continuous integration where code was committed to Github, built and tested by Circle CI and pushed to a docker container on AWS. Further information can be found here: https://github.com/buchanan-edwards/be-safe/blob/master/docs/evidence/Evidence-l.pdf

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