

PRODUCT VISION

report for Food Recall. It further allows consumers to search by 'Food Name', Date Range and Seriousness of Recall. It is powered by openFDA dataset for food recalls and uses wide range of open-source technologies.

The applicaiton will be developed following steps outlines in U.S. Digital Services Playbook and an agile iterative methodology will be used in developing the applicaiton.

A human-centered design technique and tools will be used to design the application

Development will use test drive development, unit testing with continuous integration, build and deploy using open-source, no licensing and free of cost technologies

The applicaiton will be deployed and hosted on a public Platform (IaaS or Paas)

RecallsFeed Roadmap	6/19/2015 - 7/07/15													
	6/19/2015	6/22/2015	6/23/2015	6/24/2015	6/25/2015	6/26/2015	6/29/2015	6/30/2015	7/1/2015	7/2/2015	7/6/2015	7/7/2015		
Assign one leader for prototype														
Assemble multi-disciplinary and collaborative team including a minimum of 5 Labor categories														
Identify users to be used in the prototype design and development process														
Using 3 "human-centered Design" tools come up with initial wireframes														
Perform Usability Test on people - paper														
Perform Usability Test on people - template														
Perform Usability Test on people - application														
used an iterative approach, where feedback informed subsequent work of the prototype														
Create html templates using design style sheets and pattern library														
Develop the prototype using 5 open-source technologies (develop, write unit test, test, review, incorporate feedback) - multiple device & responsive support.														
Setup Continuous Integration /automate the running of tests/ & continuously deploy code to PaaS provider														
Setup Configuration Management														
Deploy Software in a container (Docker)														
Setup Continuous Monitoring														
Provide documentation to install and run prototype on another machine														

RecallsFeed TEAM COMPOSITION	
Product Manager	Person A
Frontend Developer	Person B
Backend Developer	Person C
Technical Architect	Person D
Visual Designer	Person E
DevOps Engineer	Person F
Usability Engineer	Person G

[illegible]

USER STORIES

USER STORY #1	A worried mother just heard on TV traces of peanut were found in food packages, she would like to find out more details of the recall from official source
USER STORY #2	A house wife has heard about lot of food recalls on TV and facebook, would like to check if any of the food in her pantry is on the list of recall'd food
USER STORY #3	A school cafeteria manager would like to access the latest food recall list, print the list on a weekly basis and share it with cafeteria staff on a weekly basis

SPRINT		ACTIVITIES		6/19/2015 - 7/07/15													
SPRINT 0		6/19/2015	6/22/2015	6/23/2015	6/24/2015	6/25/2015	6/26/2015	6/29/2015	6/30/2015	7/1/2015	7/2/2015	7/6/2015	7/7/2015				
Sprint-0	Get the Team created	✓															
Sprint-0	Setup necessary access for the team on GitHub	✓															
Sprint-0	Setup the necessary development environment for development of code and access to tools needed.	✓															
SPRINT 1																	
Sprint 1 Planning	Sprint Planning Meeting (A short meeting)		✓														
	- All team members get together and agree on Goal																
	- Every team member exactly know what to achieve in the sprint																
Sprint-1	Setup the DevOps environment for			✓	✓												
	- continuous integration, build and deploy																
	- Configuration Maangement																
Sprint-1	Configure continuous monitoring																
	Deploy Docker Image via Docker Hub							✓	✓								
	Using human-centered design approach, create the PERSONA, SCENARIO and USE-CASES for user stories 1, 2, 3		✓														
Sprint-1	Using the persona, scenario, use-cases and input from users to create the initial wireframes for user stories 1,2,3		✓														
Sprint-1	Iteratively evolve the wireframes getting feedback from users			✓	✓												
Sprint-1	Conduct paper-based Usability testing on evolved wireframe			✓	✓												
Sprint-1	Incorporate suggestion/feedback from the paper-based usability testing into wireframes			✓	✓												
Sprint-1	Develop HTML templates from the evolved wireframes for user stories 1, 2,3				✓	✓											
Sprint-1	Conduct Usability testing on html templates																
Sprint-1	Incorporate changes to templates with feedback from Usability testing					✓											
Sprint-1	Develop prototype application (implementing user stories 1,2,3 using the latest html templates, using TDD and continuous integration/deployment environment setup							✓	✓	✓	✓	✓	✓				
Sprint-1	Review and test prototype after every nightly build, going through feedback/suggestion. With agreement of product manager add it to Task list for engineers to take care							✓	✓	✓	✓	✓	✓				
Sprint-1	Conduct the final usability testing on working copy of prototype, document and provide feedback via the daily scrum meeting										✓						

No	Problems	Type	Product Owner	Team	Comments
1	Carousel not rotated	Functional Testing	Y	Y	
2	Clicking the Carousel should take me to detail recall on that product	Usability Testing	Y	Y	
3	Food Name & Date combine search gets out of date range records	Functional Testing	Y	Y	
4	Introduce borders around event detail page.	Functional Testing	Y	Y	
5	Mobile phone (Samsung 5.0"), the recall date is not showing	Functional Testing	Y	Y	
6	Mobile phone (Samsung 5.0" android), the date picker has erroneous data loaded	Functional Testing	Y	Y	
7	Show image of recall product	Usability Testing	N (for prototype)		
8	Allow users iterate to next 100 records	Functional Testing	N (for prototype)		
9	Add help to Seriousness label, not everyone knows what it is	Usability Testing	Y	Y	
10	Add focus to SEARCH box, with focus users during usability testing did not notice it.	Usability Testing	Y	Y	
11	Enhance the message to display Food Name and Seriousness, in addition to date range.	Functional Testing	Y	Y	
12	Change "Filter Datasets" label for table search to say "Filter search results with keywords"	Usability Testing	Y	Y	
13	Provide a disclaimer on the website, not official FDA	Functional Testing	Y	Y	
14	Recall or Report date is important to know when food recall happened	Usability Testing	Y	Y	
15	Can we search by exact food name	Usability Testing	N (for prototype)		Current dataset does not provide exact food name's. Food names can be searched in recall description
16	Indica Food Name field is optional during search	Functional Testing	Y	Y	

NB