

# DRTfor18FChallenge

DRT418F

☆ Org Visible

## Documentation

Use Case Diagram

DOCUMENTATION: Github 750-word description of team approach

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## Epics

As a customer, I want to be able to SEARCH recalls

As a customer, I want to be able to VIEW recalls

As a customer, I want to be able to REPORT ISSUES

As a customer, I want to be able to RECEIVE recall NOTIFICATIONS

As a customer, I want to be able to LOG IN to the system

## Product Backlog

SEARCH: As a customer, I want to be able to search recalls by food name

SEARCH: As a customer, I want to be able to search recalls by food based pathogen

SEARCH: As a customer, I want to be able to search recalls by geographic location

SEARCH: As a customer I want to be able to view a list of recalls by product type

VIEW: As a customer, I want to be able to view a USA map with the recall distribution pattern and classification level

VIEW: as a customer, I want to be able to view recall firm (manufacturer) address and website

VIEW: As a customer I want to be able to view spike graph for recall

REPORT ISSUES: As a customer I Want to be able to report issues

RECEIVE NOTIFICATIONS: As a customer I want to be able to receive recall notifications

LOGIN: As a customer, I want to be able to login to the system

VIEW: FOOD PLATE - Implement ability to click on the plate and view list of recalls and recall details.

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REPORT ISSUES: Link to the FDA report issues site.

### Sprint Backlog (Current Sprint)

\*This is the work that needs to be done right now. These are the stories that the team can pull from and assign themselves to.

### In Progress

\*These are the stories that are actively being worked on, and the developers working on the story should assign themselves to the card. Developers can also provide an estimate in brackets [ ] of the amount of effort already spent. In my example here, I have been tracking total story points and also estimated story points completed. These values roll up into the list header to allow the scrum master a quick view at progress in the current iteration, as well as on the individual stories.

### To Verify

### Done

\* This is work completed that has passed all acceptance testing

SEARCH: Implement search recalls by food name

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VIEW: Show results message.

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SEARCH: Test user interaction design of the search feature by conducting initial design (A-B) testing

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VIEW: Create FOOD PLATE section

VIEW: Create FOOD PATHOGENS section

SEARCH: Create low fidelity Balsamiq prototype

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RECEIVE NOTIFICATIONS: Create integrated tweeter feed section

VIEW: US MAP - Implement nationwide recall distribution classified by recall class/severity.

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VIEW: Add a donut chart on the results page.

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CONTINUOUS MONITORING: Integrate New Relic BROWSER to understand site performance from the end-user's perspective

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VIEW: As a customer, I want to be able to view recall classification

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SEARCH: Create HTML clickables prototype

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APPLICATION USABILITY TESTING

SEARCH: Implement search recalls by food based pathogens

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SEARCH: Implement search recalls by geographic location

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VIEW: Add static texts for the site.

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VIEW: US MAP - Design state recall distribution.

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CONTINUOUS MONITORING: Integrate New Relic SERVERS to monitor server health (e.g., CPU utilization, memory utilization, disk I/O utilization, and disk capacity.)

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VIEW/ SEARCH: Redefine recall classification colour scheme. Currently: red, and two shades of yellow.

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## Sprint 0 (Project Planning)

TECHNICAL: Access technical feasibility. Analyze food API. Look for additional open source data sets.

DESIGN: Create paper prototype of of search and view features to test our user interaction ideas

TECHNICAL: Setup development and testing environment.