UrRecalls

Recalls tailored for you.

Project Manager: Nikhil Patel

Members:

Jeremiah Tolentino, Roy Demirjian, Stefano Romeo, Samish Jokhla

Problem

Not all products are safe.

Solution

- UrRecalls delivers recall information to user based on presence of product in user's history

- Repository for consumers to report a producsuspected contamination or harmful reaction of

Scope

- UI to showcase a standardized database of recalls

- Community based sharing of product issues
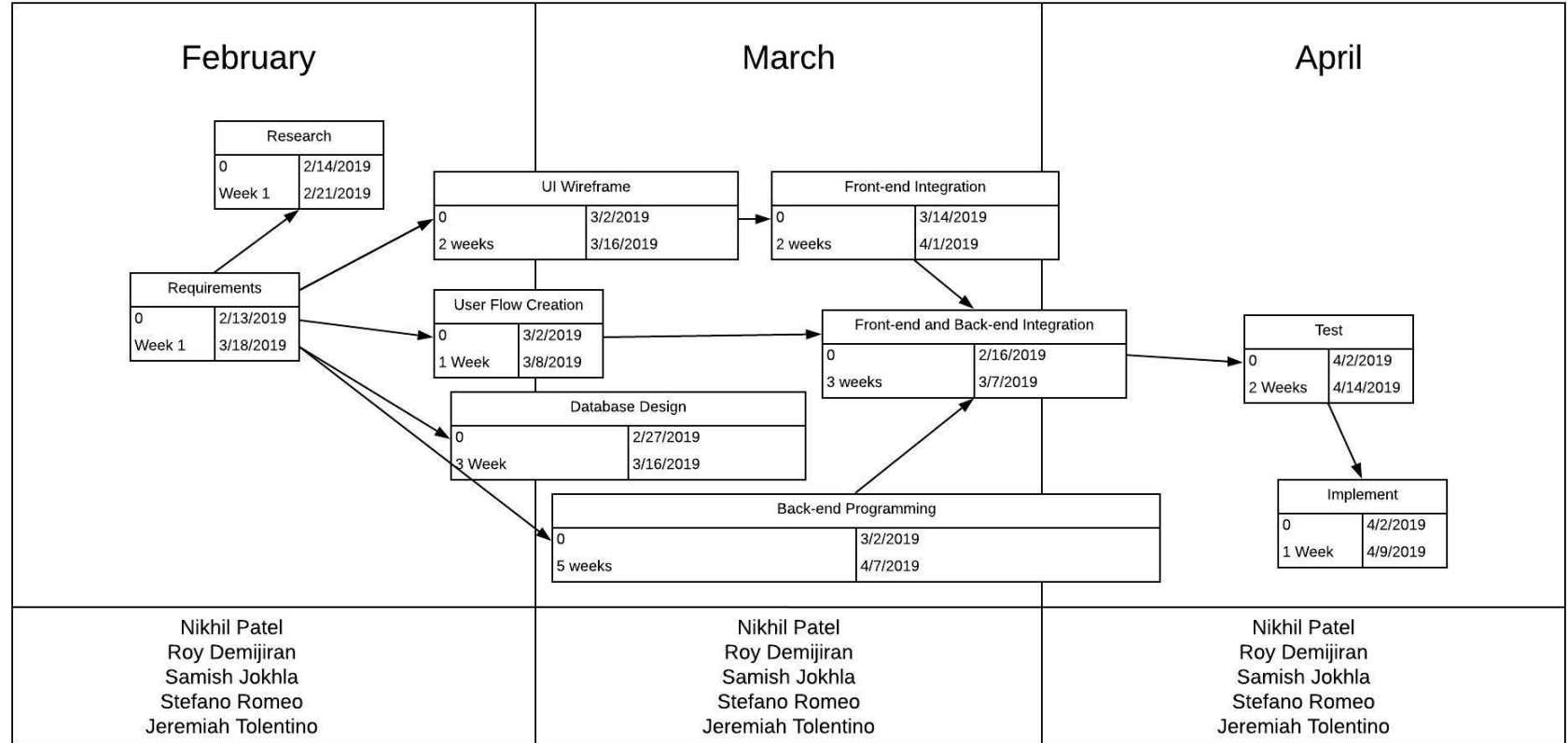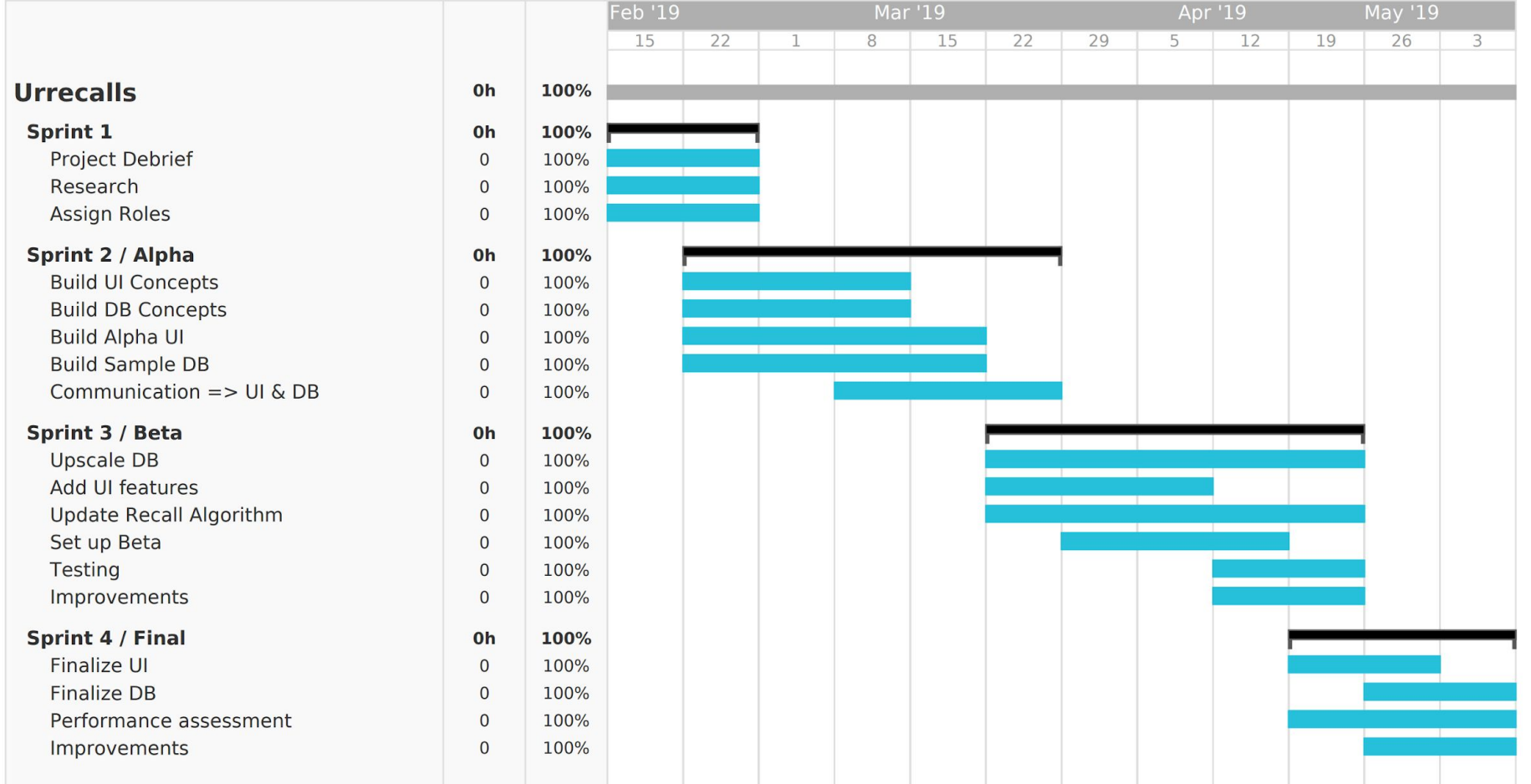
- Standardizing FDA, CPSC, NHTSA datasets

Requirements

- Barcode scanner
- Auto update recalls in database
- Save user products scanned

Work Breakdown Structure

February | March | April

Research
| 0 | 2/14/2019 |
| Week 1 | 2/21/2019 |

Requirements
| 0 | 2/13/2019 |
| Week 1 | 3/18/2019 |

UI Wireframe
| 0 | 3/2/2019 |
| 2 weeks | 3/16/2019 |

Front-end Integration
| 0 | 3/14/2019 |
| 2 weeks | 4/1/2019 |

User Flow Creation
| 0 | 3/2/2019 |
| 1 Week | 3/8/2019 |

Front-end and Back-end Integration
| 0 | 2/16/2019 |
| 3 weeks | 3/7/2019 |

Test
| 0 | 4/2/2019 |
| 2 Weeks | 4/14/2019 |

Database Design
| 0 | 2/27/2019 |
| 3 Week | 3/16/2019 |

Back-end Programming
| 0 | 3/2/2019 |
| 5 weeks | 4/7/2019 |

Implement
| 0 | 4/2/2019 |
| 1 Week | 4/9/2019 |

February	March	April
Nikhil Patel	Nikhil Patel	Nikhil Patel
Roy Demijiran	Roy Demijiran	Roy Demijiran
Samish Jokhla	Samish Jokhla	Samish Jokhla
Stefano Romeo	Stefano Romeo	Stefano Romeo
Jeremiah Tolentino	Jeremiah Tolentino	Jeremiah Tolentino

			Feb '19		Mar '19				Apr '19		May '19	
			15	22	1	8	15	22	29	5	12	19	26	3
Urrecalls	0h	100%											
Sprint 1	0h	100%											
Project Debrief	0	100%											
Research	0	100%											
Assign Roles	0	100%											
Sprint 2 / Alpha	0h	100%											
Build UI Concepts	0	100%											
Build DB Concepts	0	100%											
Build Alpha UI	0	100%											
Build Sample DB	0	100%											
Communication => UI & DB	0	100%											
Sprint 3 / Beta	0h	100%											
Upscale DB	0	100%											
Add UI features	0	100%											
Update Recall Algorithm	0	100%											
Set up Beta	0	100%											
Testing	0	100%											
Improvements	0	100%											
Sprint 4 / Final	0h	100%											
Finalize UI	0	100%											
Finalize DB	0	100%											
Performance assessment	0	100%											
Improvements	0	100%											

Project Risks and Suggestions

Risks

Not knowing if every recall will be available

Not all product recall information includes UPC/barcode
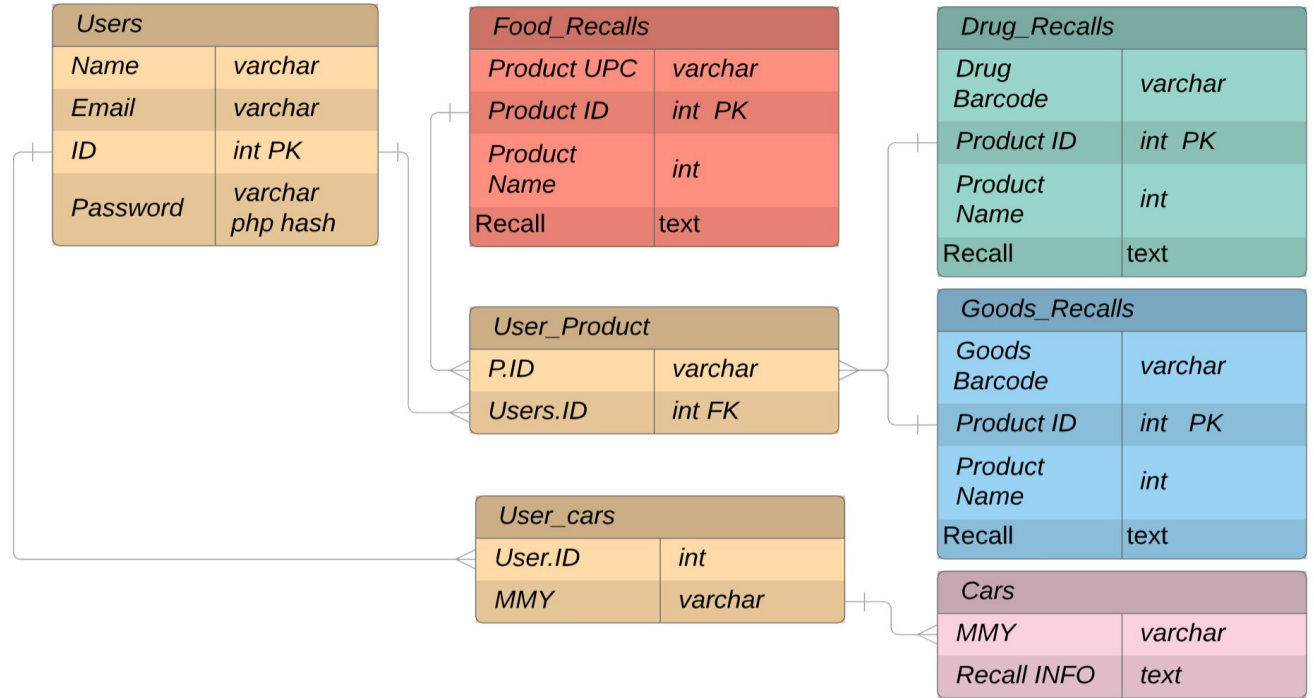
Suggestions

User product issue report forum

Standardize by product name and provide suggestions while searching for recall

Database ER Diagram
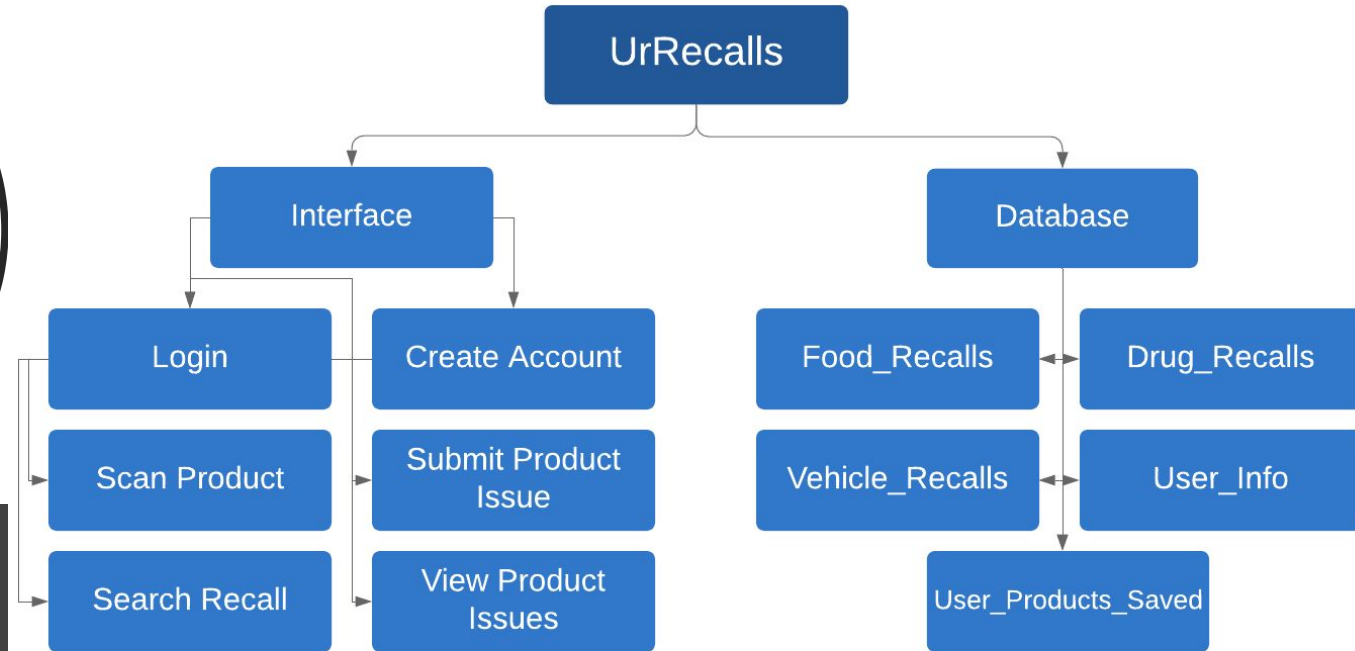
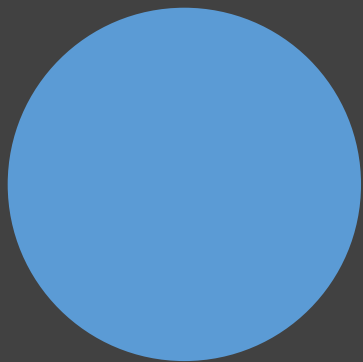Urrecalls Database ER Diagram

Nikhil Patel | April 1, 2019

Users

Name	varchar
Email	varchar
ID	int PK
Password	varchar php hash

Food_Recalls

Product UPC	varchar
Product ID	int PK
Product Name	int
Recall	text

Drug_Recalls

Drug Barcode	varchar
Product ID	int PK
Product Name	int
Recall	text

User_Product

| P.ID | varchar |
| Users.ID | int FK |

Goods_Recalls

Goods Barcode	varchar
Product ID	int PK
Product Name	int
Recall	text

User_cars

| User.ID | int |
| MMY | varchar |

Cars

| MMY | varchar |
| Recall INFO | text |

FDD

Functional Decomposition Diagrams

Nikhil Patel | March 30, 2019

UrRecalls

Interface

Login

Scan Product

Search Recall

Create Account

Submit Product Issue

View Product Issues

Database

Food_Recalls

Vehicle_Recalls

Drug_Recalls

User_Info

User_Products_Saved

Demo