

Rohan Bopardikar, Ethan Abramson, Varun Agarwal, Shreshth Kilani
Füd Füd

This is a short walkthrough of the use cases of our app, Füd Füd, which enables crowd-sourced delivery for Penn's food trucks. Users can either sign up to be an eater or a runner, where they can get food truck food delivered to them, or get paid to perform the delivery, respectively. Below is the login page of the application.

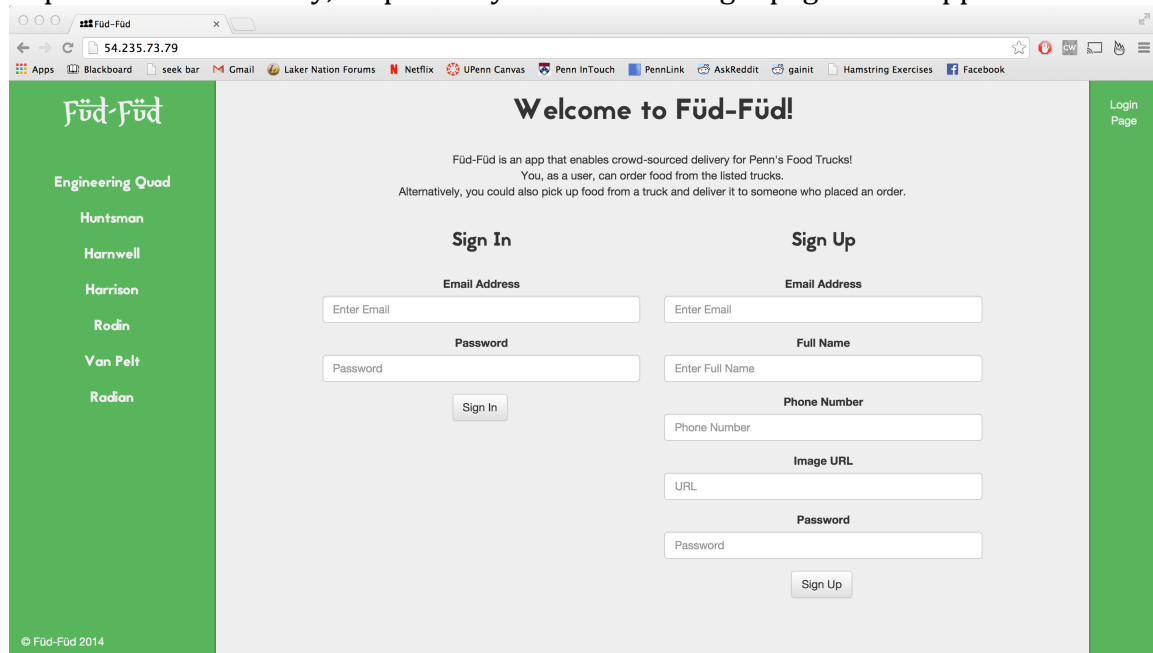


Figure 1: The login screen

Subsequently upon logging in, users are taken to their profile page. This displays their information, picture, and rating – which is part of the quality control mechanism that will be discussed later.

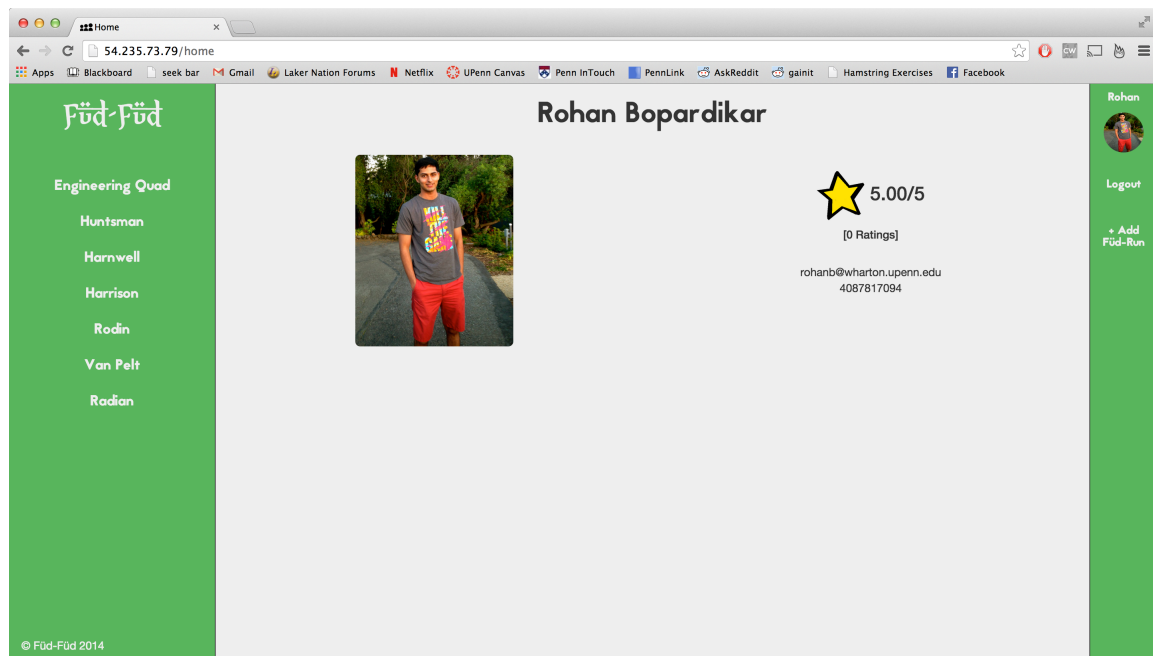


Figure 2: The profile page

Rohan Bopardikar, Ethan Abramson, Varun Agarwal, Shreshth Kilani
Füd Füd

If a user wants delivery from a food truck, they simply select where they are on campus. This brings them to a page where they can see any runners delivering to that location, and the trucks they are delivering from, as well as their estimated time of arrival.

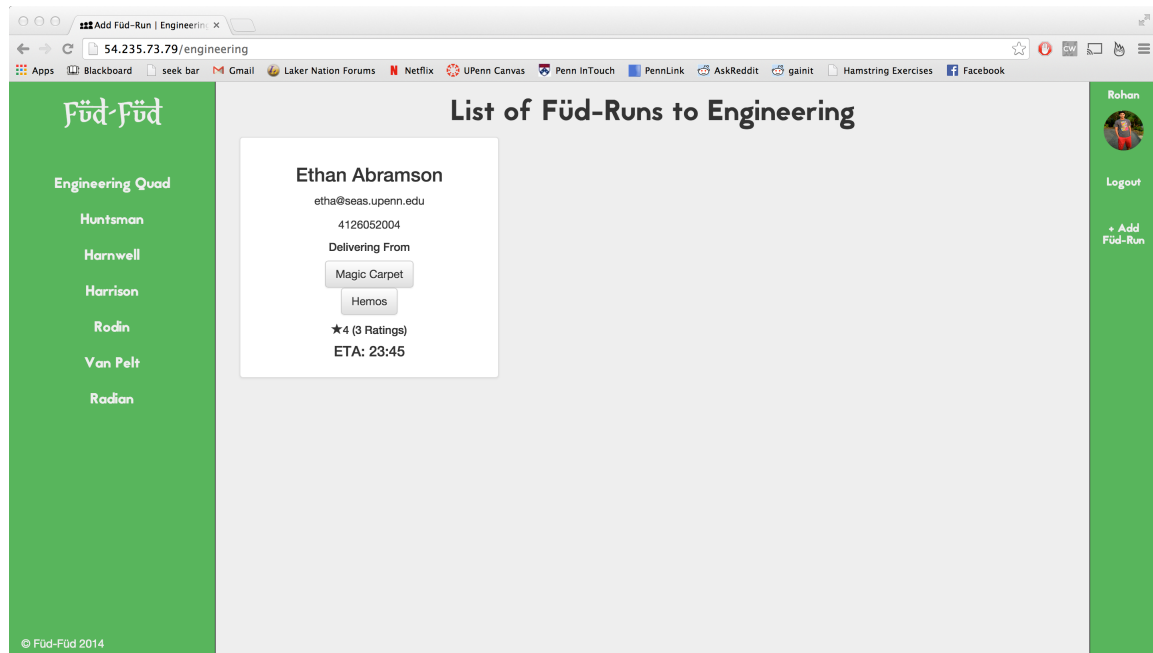


Figure 3: Choosing a runner

As evident in the picture above, Ethan is delivering to engineering at 11:45 from Magic Carpet and Hemos. This figure demonstrates the aggregation scheme, as results are aggregated by location of delivery, food trucks available, and time of arrival. Additionally, one can see Ethan's rating as a runner, which ties into the quality control mechanism to be discussed subsequently in the walkthrough. A user can then click on one of the trucks to get delivery.

The screenshot shows a web browser window with the URL `54.235.73.79/menu?truck=Hemos&username=etha@seas.upenn.edu&phone=4126052004`. The page title is "Place Order". On the left is a green sidebar with the "Füd Füd" logo and a list of locations: Engineering Quad, Huntsman, Harnwell, Harrison, Rodin, Van Pelt, and Radian. The main content area is divided into three sections. The top section, "Hemos Amount", has a text input field for "Enter \$ Amount". The middle section, "Order Details", has a text input field for "Enter Order Text" and a "Venmo" button. The bottom section is a menu table with columns: Category, Dish Name, Price - Large, and Price - Small. The menu lists various food items like Eggs Sandwich, Cheese Steak, Chicken Cheese Steak, Cheese Burger, Chicken Breast, Fresh Grilled Chicken Breast, Tuna Salad, Chicken Salad, Turkey Hoagie, Turkey Ham Hoagie, Cheese Hoagie, Pretzels, Bottled Soda, Can Soda, Coffee, Meatball, Kielbasa Chili or Cheese, and various breakfast items. The right sidebar shows the runner profile for "Ethan Abramson" with email `etha@seas.upenn.edu` and phone `4126052004`. It displays a 4.00/5 rating with a yellow star icon and "[3 Ratings]". Below the rating is a photo of a man with a beard and a cat, and a "Comment" section with a text input field and a 5-star rating scale.

Category	Dish Name	Price - Large	Price - Small
Breakfast	Eggs Sandwich	\$2.50	
Lunch	Cheese Steak	\$4.50	
Lunch	Chicken Cheese Steak	\$4.50	
Lunch	Cheese Burger	\$2.00	
Lunch	Chicken Breast	\$2.00	
Lunch	Fresh Grilled Chicken Breast	\$4.50	
Lunch	Tuna Salad	\$2.00	
Lunch	Chicken Salad	\$2.00	
Lunch	Turkey Hoagie	\$3.50	
Lunch	Turkey Ham Hoagie	\$3.50	
Lunch	Cheese Hoagie	\$2.50	
Lunch	Pretzels	\$1.00	\$0.40
Drinks	Bottled Soda	\$1.35	
Drinks	Can Soda	\$1.60	
Drinks	Coffee	\$1.00	\$1.60
Lunch	Meatball	\$3.00	\$2.00
Lunch	Kielbasa Chili or Cheese	\$3.50	
Breakfast	Eggs and Cheese Sandwich	\$2.85	
Breakfast	Sausage Eggs and Cheese	\$2.00	
Breakfast	Turkey Sausage Cheese	\$2.00	
Breakfast	Bacon Eggs Cheese	\$2.00	
Breakfast	Ham Eggs Cheese	\$2.00	
Breakfast	Hot Sausage Eggs	\$3.35	
Breakfast	Bagel	\$1.00	
Breakfast	Muffins	\$1.00	

Figure 4: The order screen and rating system

After choosing a truck, users can see the menu and choose their item. They enter this information in the “Order Details” box and place the dollar amount – the price of the food plus a delivery fee of approximately \$2-\$5, in the “Amount” box. The app uses the Venmo API based on the phone number you provide at sign-in to handle payments.

After completing an order, on the right of the screen you can rate the runner on a scale of 1-5. Rating a runner 2 or below ensures that you will no longer see them on the website when you choose a location. Ethan’s average rating is also displayed on the screen. If his average rating were to fall to 2 or below after several runs, users of the site would not see him as a choice for a runner anymore. The rating system of the runners provides quality control for the service.

The screenshot shows a web browser window with the address bar displaying '54.235.73.79/add'. The browser's tab is 'Add Füd-Run'. The page has a green sidebar on the left with the 'Füd-Füd' logo and a list of locations: Engineering Quad, Huntsman, Harnwell, Harrison, Rodin, Van Pelt, and Radian. The main content area is titled 'Add a Füd-Run' and contains four sections: 'Where can you deliver to?' with checkboxes for Engineering Quad, Huntsman, Harnwell, Harrison, Rodin, Van Pelt, and Radian; 'Which Food Trucks can you pick up from?' with checkboxes for Magic Carpet, New York Gyro, Bui's, Hemos, and KoJa; 'When do you intend to pick up?' with a 'Pick Time' dropdown menu; and 'ETA of meal?' with an 'ETA of meal?' dropdown menu. A 'Run' button is located at the bottom center. The right sidebar is green and shows a user profile for 'Rohan' with a 'Logout' link and a '+ Add Füd-Run' button. The footer of the page says '© Füd-Füd 2014'.

Figure 5: The runner page

The figure above shows the screen for when you would like to be a runner. Once again, the aggregation scheme is displayed, as you can choose where you would like to deliver to, the trucks you can deliver from, and your estimated time of arrival. Hitting run simply allows you to log your run on the website – thereby enabling you to be notified if anyone would like you to pick up some food for them.