



Dylan Weeks

Computer Science  
Major



Jaymie Ruddock

Computer Science  
and Mathematics  
Major



Chelby Rhoades

Computer Science  
Major



Sarah Kaiser

Computer Science  
Major

## Company Overview:

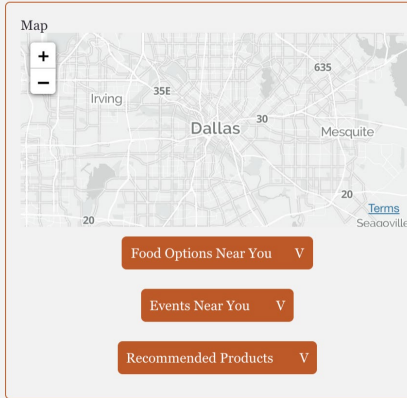
Nokia is a telecommunications investing in a recommendation system style project that is based on connecting journeys to customers rather than an experience. They also provide metrics for tracking connectivity and internal satisfaction with technology. Their mission is intersecting Design Thinking Service Design with Behavioral, Social, and Computer Sciences. This project represents Nokia's expansion of brand and community activity.

## Project Description:

Create an AI-based recommendation system application that assists in a user's journey via app suggestions based on various user and environmental factors. The application can begin recommendations once a user registers to the application, from here the user is prompted to provide preferences for their account. Based on these preferences and environmental factors (time, location, and weather), the system will then continuously generate recommendations for the user of products, stores, restaurants, travel and other events.

## My LUJA Journey

Logout Settings Search



Great! Let's get a little more info so that we know better how to assist you.

Select some of your interests from below:

- Clothing & Accessories
- Toys & Games
- Books
- Music
- Automotive
- Movies & TV
- Health & Personal Care
- Shoes
- Grocery & Gourmet Food
- Home & Kitchen
- Electronics
- Tools & Home Improvement
- Software
- Sports & Outdoors
- Industrial & Scientific
- Beauty
- Pet Supplies
- Video Games
- Magazine Subscriptions
- Musical Instruments
- Patio
- Baby Products
- Jewelry
- Kitchen & Dining
- Arts
- Home Improvement
- Office & School Supplies
- Collectibles
- Computers
- Appliances
- GPS & Navigation
- Camera & Photo
- Kindle Store
- Furniture & Decor
- Gifts
- Miscellaneous

Continue

*Screenshots from the application*



# Technology Stack

## Front End



## Back End



## Recommendation Layer



	product/productId	product/title	Average_Rating	Cat1	Cat2
63727	B0009GIDRM	Daughter of the Forest (The Sevenwaters Trilogy)	4.455497	Books	Science Fiction & Fantasy
54920	B000OX05F4	Nancy Silverton's Sandwich Book The Best Sandw...	4.250000	Books	NaN
59583	B000JOXYBO	The Doctor, the Murder, the Mystery The True ...	5.000000	Books	NaN
10207	B00004RQ7O	Drowning by Numbers [VHS] (1991)	4.368421	Movies & TV	Movies
41026	193299310X	The Frugal Book Promoter How To Do What Your P...	4.762295	Books	Education & Reference

Recommended ['Movies & TV', 'Books']:

Daughter of the Forest (The Sevenwaters Trilogy)

Nancy Silverton's Sandwich Book The Best Sandwiches Ever--from Thursday Nights at Campanile

The Doctor, the Murder, the Mystery The True Story of the Dr. John Branion Murder Case

Drowning by Numbers (1991)

The Frugal Book Promoter How To Do What Your Publisher Won't