Technologies

Backend

Firebase authentication

- provides easy-to-use SDKs and ready made UI libraries to authenticate users
- leverages industry standards like OAuth 2.0 and OpenID Connect

Google App Engine

- hosts a Nodejs, Express server
- zero server management and zero configuration deployments
- support for popular development languages and a range of developer tools

Google Maps

- reliable, comprehensive data for over 200 countries and territories
- accurate, real-time location information

Cloud Scheduler

- minimizes manual toil
- allows to automate virtually anything

Datastore

- highly scalable NoSQL database
- RESTful interface

Cloud Storage

- unlimited storage with no minimum object size
- easy transition to lower-cost classes

Stripe

- the payment system is easy-to-use and has extensive documentation for developers
- the payment gateway has successfully operated on the market for several years and has proven itself as a trustworthy payment processor

Technologies

Frontend

- easy to work with
- user experience focused

Business Canvas

Key Partners	Key Activities	Value Propositions	Customer Relationship	Customer Segments
-Technology Providers: --- Google Cloud	- Platform management -Collection of product information	-Shortest route to the supermarket that sells the searched product -Save favourite products	-Automated route finding service -Responsiveness to product misinformation	-Romanian retail market -People who want to save time while shopping
	Key Resources -Supermarket product information		**Channels** -Web Application --- Mobile --- Tablet --- Desktop	

Cost Structure	Revenue Streams
- Software/platform development - Technology Providers - Complaint management	- PREMIUM account - Paid supermarket listing of products

Functionality flows

```
Web Application ──────► View Products ──────► Search Products
       │                     │                      │
       │                     ▼                      │
       │                View Product ◄──────────────┘
       │                     │
       ▼                     └──► Logged in ──Yes──► (right)
  Logged in                       │    │
    │    │                        │    └──Yes──► Is product in favorites ?
    No   └──Yes──► Create product list        │
    │             └──Yes──► View own product  Yes──► Remove Product from favourites
    │                       lists              │
    │             └──Yes──► View favorites     No──► Add product to favorites
    │             └──Yes──► Logout ──► Exit
    │
    ▼
  Has an account ──yes──► Forgot Password? ──Yes──► Reset Password
    │                          │                         │
    No                         No                        │
    │                          │                         ▼
    ▼                          └──────────────────────► Login ──► Enter email and password
  Sign up                                                 ▲              │
    │                                                     No             ▼
    ▼                                                     │         Valid credentials
  Fill out the ──► Submit ────────► Logged in ◄──Yes──────┘
  information                      successfully
```
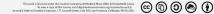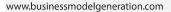
Logged in — Yes──► Has premium ? ──No──► Purchase premium
                          │
                          ├──Yes──► Get directions on maps
                          └──Yes──► Get shareable link

Nodes:
- Web Application
- View Products
- Search Products
- View Product
- Logged in
- Create product list
- View own product lists
- View favorites
- Logout
- Exit
- Is product in favorites ?
- Remove Product from favourites
- Add product to favorites
- Has premium ?
- Purchase premium
- Get directions on maps
- Get shareable link
- Has an account
- Forgot Password?
- Reset Password
- Login
- Enter email and password
- Sign up
- Fill out the information
- Submit
- Valid credentials
- Logged in successfully