Context

The Burger fanatic

A user that can create, edit and see burger reviews.

The user can also see the restaurant details and the placement of the restaurant in google maps.

The Burger viewer

Software

A software system that provides the user both a website and a mobile internet application. Further more google maps API will be integrated so it shows the placement of the Restaurant.

The Burger storage

Software

Holds all data that any user adds to a review. Pictures, links, coordinates, and comments.

Google Maps

External map system

Provides possibilities to show a map, pins and information about the restaurants the reviews made by users

Container The Burger fanatic A user that can see and create reviews of burgers and related restaurants. Burger view mobile Burger view browser Google Maps API React Native, JavaScript, Typescript External map API React, JavaScript, Typescript Provides functions to show a Includes functionality that Includes functionality that map, pins and info box enables the user to see and add enables the user to see and add reviews of burger restaurants reviews of burger restaurants Burger API dotNet, c# The burger database Database, mssql Has functionalities that are required to create, read, update Holds all data that any user have and delete reviews. added to the application. The data is both reviews and user data.

Component

Burger view browser

React, JavaScript, Typescript

Includes functionality that enables the user to see and add reviews of burger restaurants

Burger view mobile

React Native, JavaScript, Typescript

Includes functionality that enables the user to see and add reviews of burger restaurants

Burger Create controller

c# API end points

Create, update and delete a burger review

Burger Read controller

c# API end points

Gives the user the reviews of a single burger or multiple

Login controller

C# API end points

Gives the user the possibility to login, register as new user or reset password

Burger component

c#

Creates the Burger review data model for storing in and viewing

User component

c#

Creates the user data model for storing in and viewing

E-mail component

c#

Creating e-mail to the burger fanatic to confirm e-mail address

The burger database

Database, mssql

Holds all data that any user have added to the application. The data is both reviews and user data.

E-mail Service

C#

Sends out confirmation emails with a link.

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Component Web App/Mobile App

Burger web App

Chrome, Firefox, Safari and more

Entry into the web application

Burger mobile app

Android, iPhone

Entry into the mobile application

Burger Review component

React, Typescript, JavaScript

Showing main view to user

Burger review logic

React, TypeScript, JavaScript

Gives the user the reviews of a single or multiple burger review

Burger Review Service

React, Typescript, JavaScript

Request and update data by communicating with API

Burger Review Router

React, Typescript, JavaScript

Creates routes for web application and initializes first required component and logic

Burger review action

React, TypeScript, JavaScript

Shared action that facilitates communication from and to all logic classes

Burger Login component

React, Typescript, JavaScript

Showing login page to user

Burger Login logic

React, TypeScript, JavaScript

Sends login information to action

Burger Login Service

React, Typescript, JavaScript

Validate user credentials by communicating with API

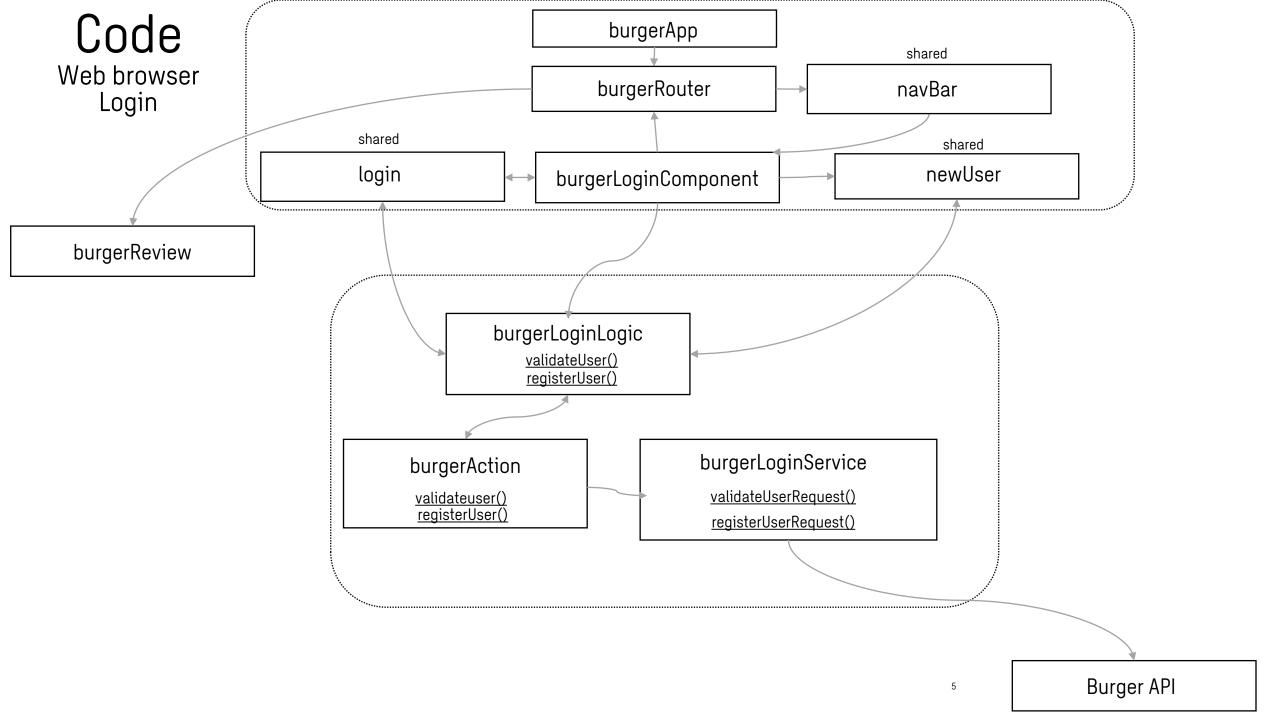
The burger API

Handles requests coming from

The burger database

Database, mssql

Holds Burger review data



Code Web browser Review

