# Anna Veronica lingery shop: proof of concept

On the stage of projecting some errors occurred: the Bulma css framework did not provide sufficient template for shop web page; the react templatei, that was chosen, was too complicated. So, some measures were taken to improve the situation:

1. The template [bootstrap showcase](https://www.bootstrapzero.com/templates/showcase) is used for frontend layout.
2. The react-tools are used for creating clear boilerplate.

Some components (the basket, the showcase, cards) will change their states, that is why the context Consumer and context Provider components are used here. Also the library react-toastify is used for orginizing messages for a user.

import React, {Component} from "react";  
import { ToastContainer, toast } from 'react-toastify';  
import 'react-toastify/dist/ReactToastify.css';  
  
/\*  
 \* TODO  
 \*/   
  
const {Provider, Consumer} = React.createContext();  
export {AppContextProvider, Consumer as AppContextConsumer};

So, the main application entry point is wrapped with AppContextProvider, and in any child component, where we will use common context we can use the AppContextConsumer.

<Suspense fallback={<Loader />}>  
 <React.StrictMode>  
 <AppContextProvider>  
 <App />  
 </AppContextProvider>  
 </React.StrictMode>  
</Suspense>

The page layout consists of top menu (navbar), left menu (categories of goods) and large central part, where main content appears. For this perpous the standart React HashRouter component is placed here. It reacts on link clicks and renders custom components according with Switch variant.

<HashRouter>  
 <Switch>  
 <Route path="/instagram">  
 <Instagram />  
 </Route>  
 <Route path="/contacts">  
 <Contacts />  
 </Route>  
 <Route>  
 <Welcome />  
 </Route>  
 </Switch>  
</HashRouter>

Clicking on category of goods links passes additional props to the Showcase component, where the header is dynamically updatable (conditional rendering).