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WEB APPLICATION FOR SALES TRACKING STATIONERY

The project is a web application for providing information about the assortment, promotions, and special offers of a retail store. There is also a client section with a personal account.

The application has several branched databases, separate access for the user, guest, and administrator. It differs from competitors in that it provides comprehensive information for each product, information about the availability and quantity of goods in stock, and information about price limits for a specific type of position. The competitor sites presented do not contain as much useful information. In addition, the web application has a rather interesting interface, repeatedly tested, and approved by a team of QA engineers, which cannot boast of direct competitors.

Given the fact that most users use a mobile device to access the network, the interface is adapted for most popular mobile devices. The project has several databases for storing user's personal information and information about the state of the warehouse for each item.

Asynchronous programming was introduced to work with data. As the project structure, programming patterns such as the repository were used, as well as layers such as DTO and services were implemented. As a tool for implementing the project, the choice fell on the front-end Vue framework, which is rapidly gaining popularity now, and differs from its competitors - Angular and React, in its simplicity and speed. JS was used to write the server part of the node. As a result of the research, such advantages as economical use of server resources (compared to Java), as well as high performance were identified. Bootstrap 4 was used for styling.

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AUTOMATION OF ACCOUNTING BEAUTY APPLICATIONS

All applications for customer services are provided by automated control and collection of applications, monitoring the work of specialists, providing photo galleries of a beauty salon, quickly filling out applications, controlling money and providing detailed information about all specialists

of a beauty salon. In addition to all the above goals, this subsystem allows you to optimize business processes and workflow, keep records of customer service, and also facilitates the work of staff.

The functionality of the application provides the roles of the client and admin. The client can do the following: select the necessary specialization, service, time and date of its implementation, see the gallery of salons, information about specialists and place an order, view a list of all his applications. The admin has the following functionality: editing information, that is, updating, deleting and adding a new one, viewing all user requests. Diagram for visual presentation of project functionality.

During the work, documents were created for the input and output information of the project. A relational database with corresponding links and tables was also designed to store all the necessary information and application layouts.

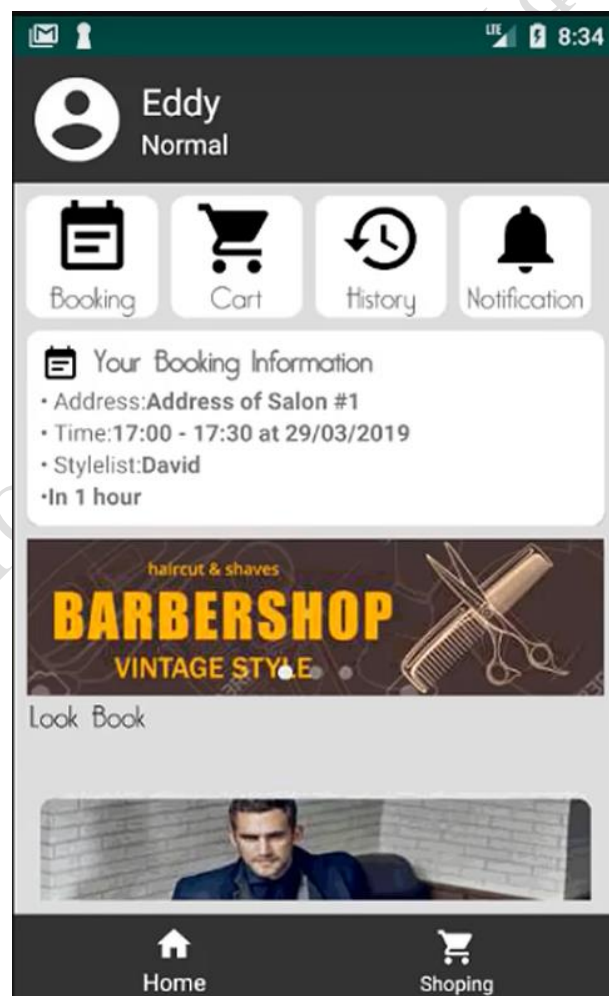


Figure 1 – Application layout