# Introduction

The mobile application is a comprehensive Learning Management System (LMS) platform designed to provide users with a seamless learning experience. This application combines functionality, user-friendliness, and advanced features to cater to both learners and educators. Users can explore and purchase courses, manage their profiles, and engage with educational content through an intuitive interface.

## Key Features

### User Authentication
- Registration and Login: Users can create accounts or log in using their credentials.
- Password Reset: A secure password recovery feature allows users to reset forgotten passwords.
- Email Verification: Users receive email confirmations to validate their accounts.

### Course Management
- Course Catalog: A searchable and sortable catalog of courses helps users find relevant content efficiently.
- Favorites: Users can add courses to their favorites for quick access.
- Purchase and Access: After purchasing a course, users gain immediate access to its materials, including videos, documents, and quizzes.

### User Profiles
- Profile Customization: Users can update personal details, change their password, and upload an avatar.
- Progress Tracking: Users can monitor their learning progress and achievements.

### Advanced Learning Tools
- Video Streaming: Courses include high-quality video lectures accessible through the app.
- Search and Filters: Users can apply filters such as category, difficulty level, and price to find the right courses.
- Interactive Quizzes: Courses may include quizzes to enhance learning engagement.

### Notifications and Updates
- Push Notifications: Users receive updates on new courses, promotions, and reminders about incomplete lessons.

**Security and Privacy**
- Secure Payments: A reliable payment gateway ensures secure transactions.
- Data Protection: The app complies with data privacy regulations, ensuring user data is secure.

**Additional Features**
- Multi-Device Sync: Users can access their account and courses across multiple devices.
- Offline Access: Selected course materials can be downloaded for offline use.

**Benefits**
- Ease of Use: The app's intuitive design ensures a smooth experience for users of all technical backgrounds.
- Comprehensive Learning: A wide range of courses caters to various interests and skill levels.
- Flexibility: Users can learn at their own pace, anytime and anywhere.

This LMS mobile application is a robust solution for modern learners seeking convenient and effective educational resources.

## Screenshots

The following section provides visual examples of the application's interface and functionality. Screenshots highlight key features such as user registration, course browsing, profile management, and video streaming. Each screenshot is accompanied by a brief description to illustrate the user experience and design of the application.
This LMS mobile application is a robust solution for modern learners seeking convenient and effective educational resources.

**Screenshot 1: Login Screen**

The first screenshot showcases the login interface, where users can enter their email and password to access their account (picture 1.1). Key features include:
- A clean and minimalistic design for ease of use.
- A password visibility toggle for convenience.
- Links for password recovery and registration for new users.

**Screenshot 2: Registration Screen**

The second screenshot displays the registration form, allowing users to create a new account (picture 1.2).  Key elements include:
- Fields for entering the user's first name, last name, email, phone number, and password.
- A password visibility toggle to assist users in creating secure passwords.
- A link to the login page for users who already have an account.



Picture 1.1



Picture 1.2

**Screenshot 3: Login Validation**

This screenshot demonstrates the login form validation in action (picture 1.3). Key features include:
- Highlighted input fields with red borders when validation errors occur.
- Error messages displayed below the inputs to guide the user (e.g., "Please enter your email").
- A user-friendly design that ensures users correct their inputs before proceeding.

**Screenshot 4: Registration Validation**

The registration form validation is showcased in this screenshot (picture 1.4). Key elements include:
- Real-time validation of all input fields, including name, email, phone number, and password.
- Red borders and error messages for incorrect or missing information, such as "Please enter your name" or "Please provide a valid phone number."
- A focus on clear feedback to help users complete the registration process accurately.
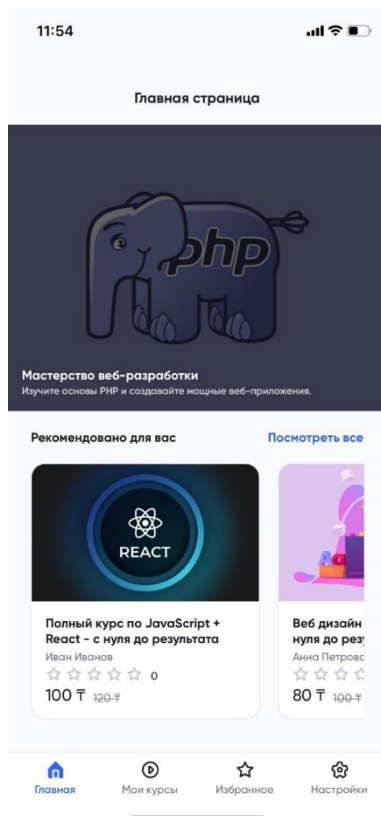


Picture 1.3



Picture 1.4

**Screenshot 5: Home Page**

This screenshot showcases the application's home page, highlighting the
following features (picture 1.5):
  • Banner Section: A visually appealing banner promoting a featured
    course (e.g., "Mastering Web Development").
  • Recommended Courses: A section displaying courses tailored to the
    user, complete with details like course name, instructor, price,
    and ratings.
  • Navigation Bar: A bottom navigation bar providing quick access to
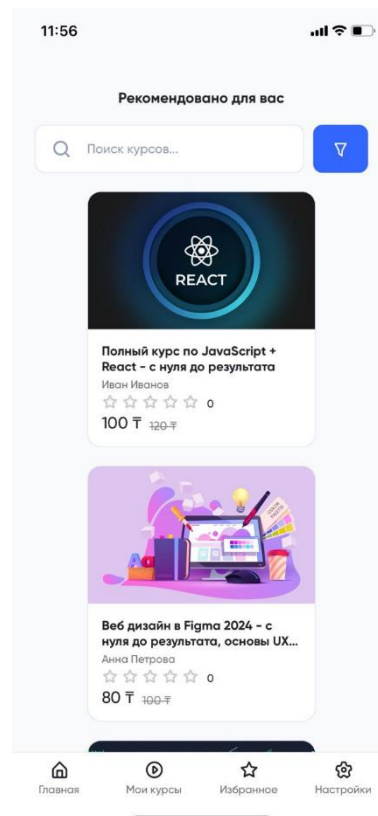    key sections like "My Courses," "Favorites," and "Settings."

**Screenshot 6: Course Recommendations with Search**

This screenshot illustrates the "Recommended for You" section with added
functionalities (picture 1.6):
  • Search Bar: Users can search for specific courses using the search
    functionality.
  • Filters: A filter icon enables users to refine their search based
    on categories or other criteria.
  • Course Cards: Each course card includes the course name, instructor,
    price (with discounts highlighted), and user ratings, ensuring
    users have all necessary information at a glance.



Picture 1.5
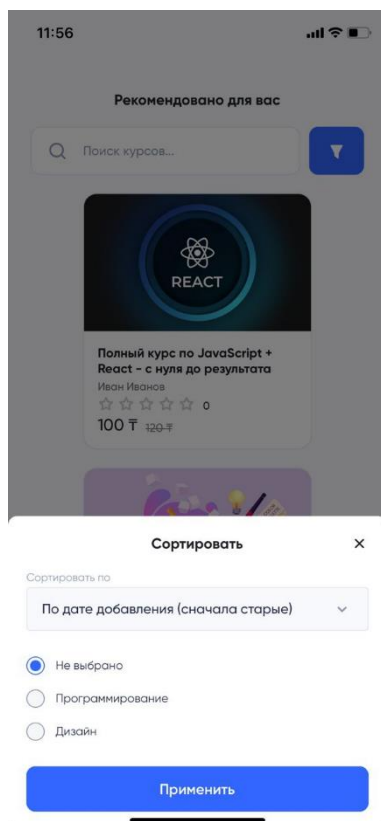


Picture 1.6

**Screenshot 7: Sorting and Filtering**

This screenshot highlights the sorting and filtering options in the course recommendation section (picture 1.7):

- Sorting Modal: Users can sort courses by criteria such as "Date Added" or select categories like "Programming" and "Design."
- Apply Button: An intuitive "Apply" button allows users to confirm their selections and update the course list.
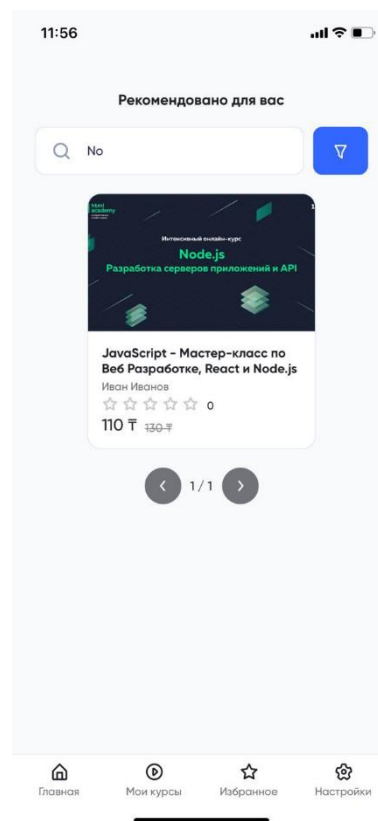- Clean UI: The modal interface is simple and user-friendly, ensuring efficient navigation.

**Screenshot 8: Paginated Course Recommendations**

This screenshot showcases the paginated list of recommended courses (picture 1.8):

- Search Functionality: The search bar enables users to look for specific courses (e.g., Node.js).
- Pagination Controls: Navigation arrows allow users to browse through multiple pages of course recommendations. Detailed Course Cards: Each card provides essential course information, including price (with discounts), instructor, and ratings.



Picture 1.7
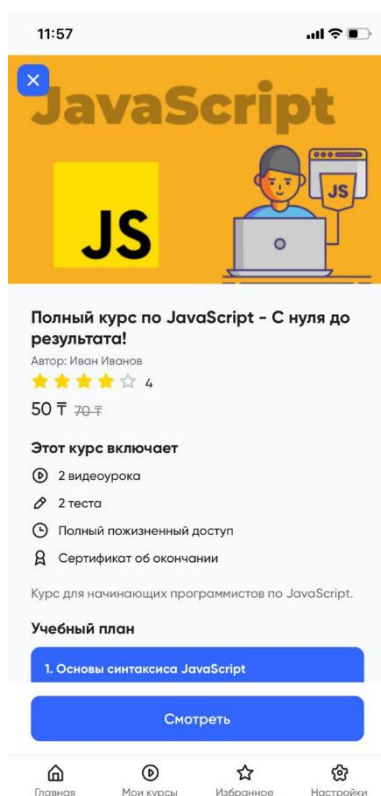


Picture 1.8

**Screenshot 9: Course Details (Overview)**

This screenshot highlights the course detail page with an overview of
the selected course (picture 1.9):
- Course Banner: A visually appealing banner with course branding
  (e.g., JavaScript course).
- Course Information: Includes the course name, author, star ratings,
  and discounted price.
- Course Inclusions: Lists key components like video lessons, tests,
  lifetime access, and certification upon completion.
- Curriculum: Displays the first module of the course with an action
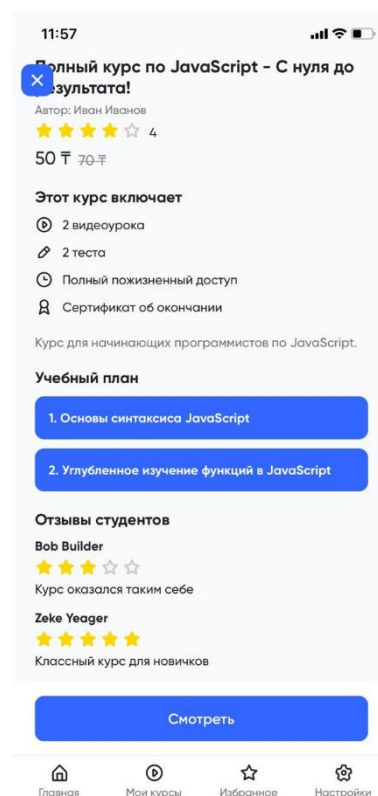  button to start the lesson.

**Screenshot 10: Course Details (Full Curriculum and Reviews)**

This screenshot provides a detailed view of the course, including the
following features (picture 1.10):
- Expanded Curriculum: A list of all modules in the course (e.g.,
  "JavaScript Syntax Basics" and "Advanced Functions in JavaScript").
- Student Reviews: Displays user feedback with star ratings and
  comments, providing insights into course quality.
- Call to Action: A "Watch" button prominently placed for ease of
  access to start learning.



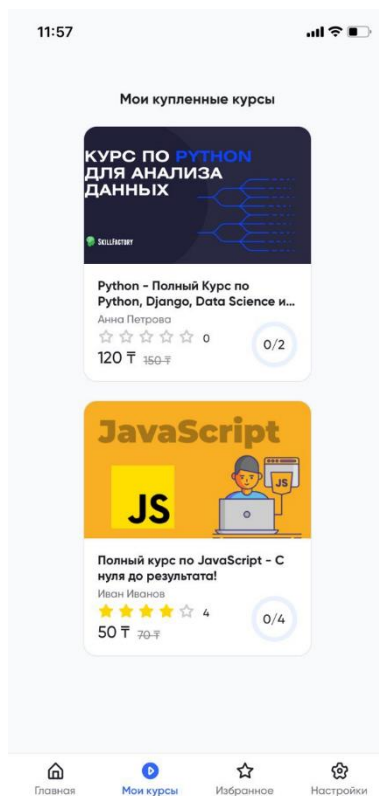Picture 1.9



Picture 1.10

**Screenshot 11: Purchased Courses**

This screenshot showcases the "My Courses" section, where users can access their purchased courses (picture 1.11):
- Course List: Displays all purchased courses with relevant information, such as course name, author, price, progress (e.g., "0/2 lessons completed"), and star ratings.
- Visual Layout: Each course card includes an eye-catching banner and clear details, making it easy for users to navigate and track progress.

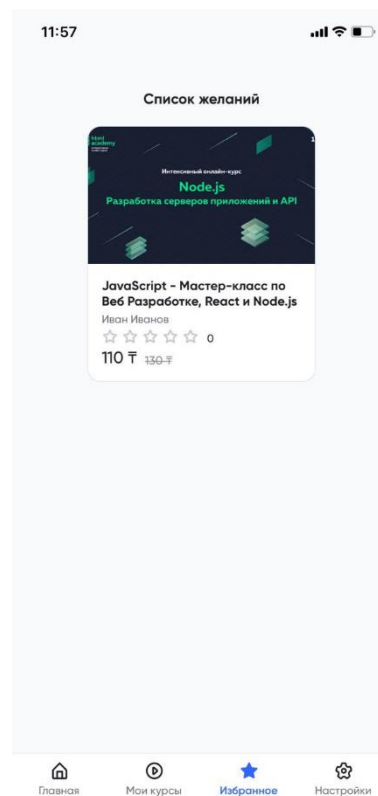**Screenshot 12: Wishlist**

This screenshot illustrates the "Favorites" section, highlighting the courses users have added to their wishlist (picture 1.12):
- Course Card: Includes detailed information about the course, such as its name, instructor, price (including discounts), and ratings.
- Clean Organization: Provides a single, well-structured view for users to revisit courses they are interested in purchasing later.



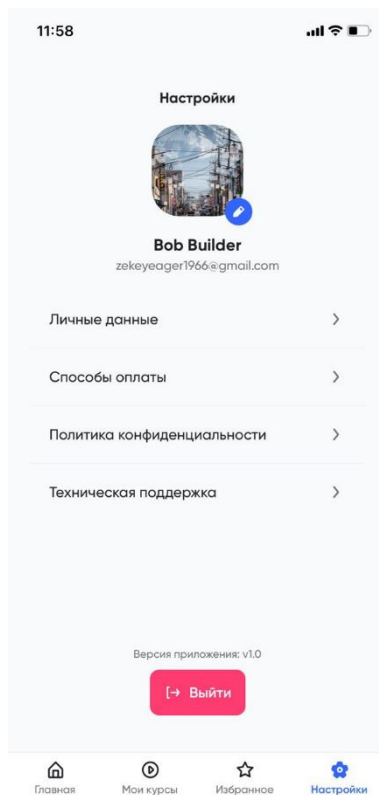Picture 1.11                    Picture 1.12

**Screenshot 13: Settings Page**

This screenshot highlights the "Settings" section, providing users with various customization and management options (picture 1.13):
- User Information: Displays the user's profile picture, name, and email address, with an option to edit the profile picture.
- Menu Options: Includes links to manage personal data, payment methods, privacy policy, and technical support.
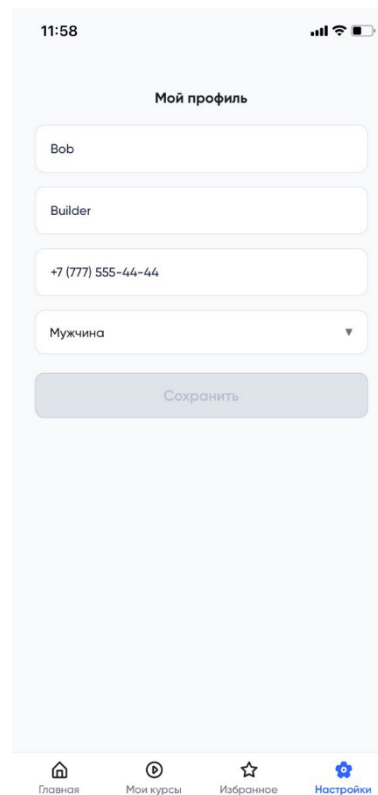- Logout Option: A prominent logout button is available at the bottom, along with the app version for reference.

**Screenshot 14: Profile Editing**

This screenshot showcases the "Profile Editing" feature, allowing users to update their personal details (picture 1.14):
- Editable Fields: Users can modify their first name, last name, phone number, and gender.
- Save Button: A "Save" button enables users to confirm and save their changes.
- User-Friendly Interface: A clean design ensures an intuitive and hassle-free experience for editing personal information.



Picture 1.13

Picture 1.14