



Vivekanand Education Society's Institute Of Technology

MAD & MPL Presentation

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Rollno : 51



DoctorAppointment

App



Introduction

Welcome to our Doctor Appointment app! Say goodbye to long waits and hello to easy booking with your favorite doctors. Rate your experience and help others choose the right healthcare provider. It's healthcare made simple, just for you.

Tech Stack Used



Flutter



Firebase

Features



User Authentication: Securely log in or sign up to access the app's features and personalize your experience.

Time Slot Selection : Easily schedule appointments with your preferred doctors in just a few taps, saving you time



Doctor Ratings: Rate and provide feedback on your doctor appointments to help other users make informed decisions about their healthcare providers.

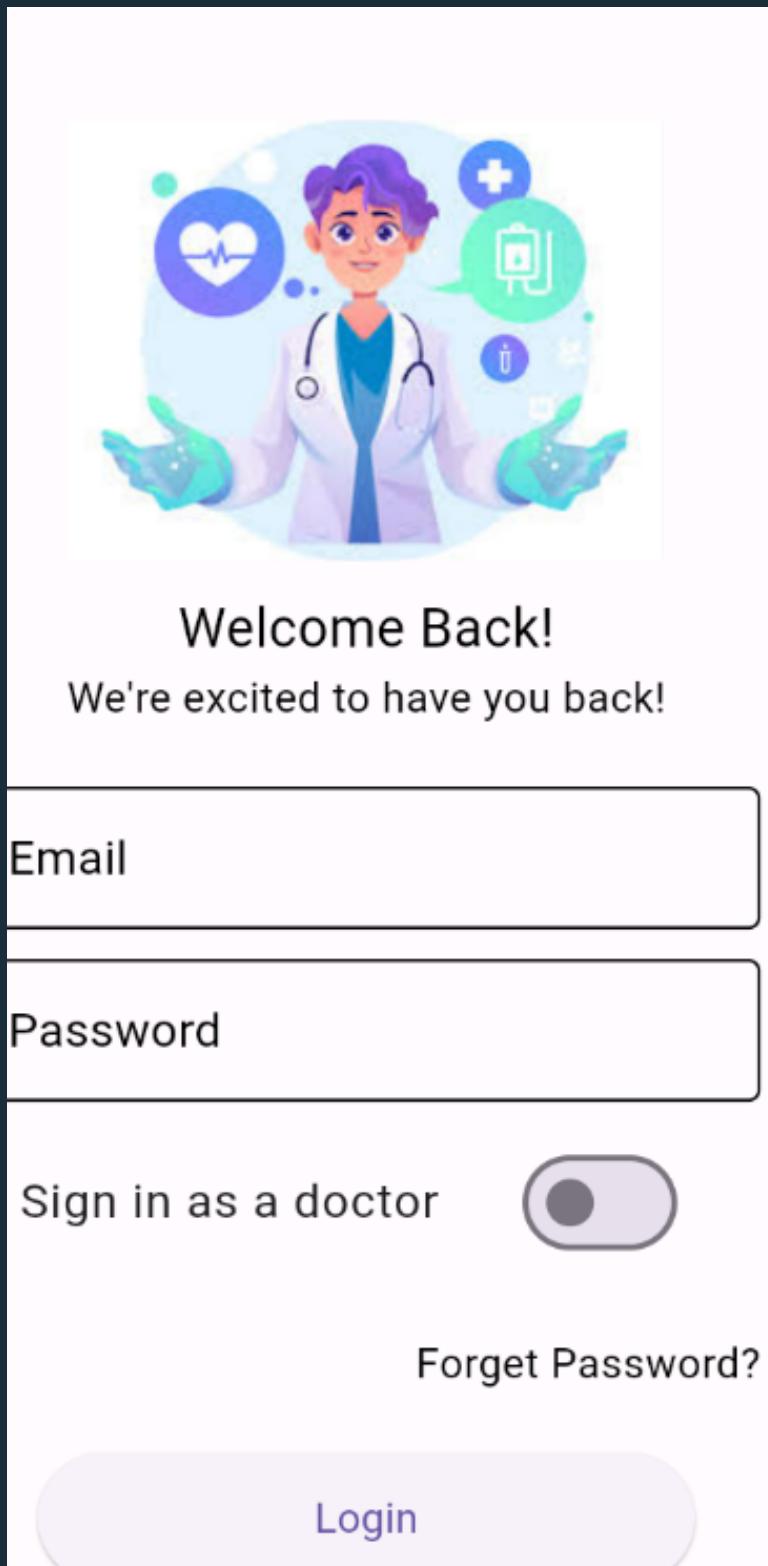
Appointment Management: Keep track of all your upcoming and past appointments conveniently in one place, ensuring you never miss an important visit



Literature Table

Title	Authors	Year	Source	Description
Survey on Doctor Appointment App	Licterave	2023	Healthcare Informatics	Feedback on doctor appointment app UX/UI, booking ease, doctor availability, notification system, technical issues, recommendation likelihood, and future updates.
Review of Mobile Health Applications for Patients	Smith, Johnson	2021	J Med Internet Res	Examines mobile health apps for patients, focusing on appointment scheduling, usability, and trends.
Design and Development of a Telemedicine App	Brown, Williams	2020	IEEE Trans Biomed Eng	Discusses telemedicine app design, including appointment scheduling, user interface, and feedback.

Implementation



Authentication

Identifier	Providers	Created	Signed In	User UID
p@gmail.com	Email	Mar 5, 2024	Mar 5, 2024	Fj84r6u50mNfUMaoGnAKR7K...
k@gmail.com	Email	Mar 3, 2024	Mar 11, 2024	HafZRD6D2MMpe8dimtHroiX...
p123@gmail.com	Email	Mar 2, 2024	Mar 3, 2024	RCFPinFE7nWXPEe8VuX29u6...

Welcome User

Search doctor

Body Ear Liver Lungs

well-known doctors

Test Doctor Body

View A

Home Appoint... Category Setting

Implementation

← Test Doctor

Select appointment day

monday

Select appointment day

11

Mobile Number:

123456789

Full Name:

Pooja

Message:

Appointment

Book an appointment

Appointments

 Test Doctor
monday - 11

Home Appointm... Category Settings

Settings

 Pooja
puja@gmail.com

Change Password

Terms & Conditions

Signout

Home Appointm... Category Setting

Progressive Web App



Kids FS



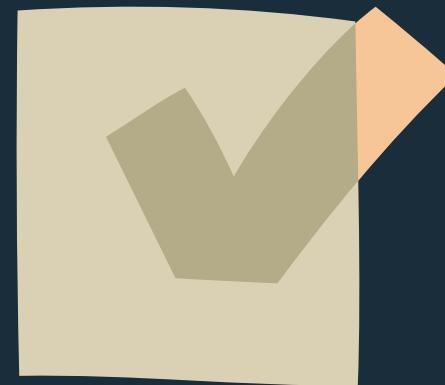


Introduction

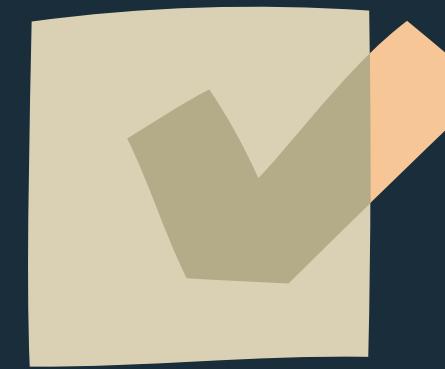
- **Cross-Platform Compatibility:** Progressive Web Apps (PWAs) seamlessly function across different devices and platforms, minimizing the necessity for distinct development endeavors for various operating systems.
- **Enhanced User Experience:** PWAs provide swift loading times, offline access, and seamless navigation, enriching user satisfaction and engagement.
- **Cost-Effectiveness and Accessibility:** Creating a PWA entails reduced costs in comparison to native apps, and their accessibility through URLs negates the requirement for app store downloads, rendering them more convenient for users.



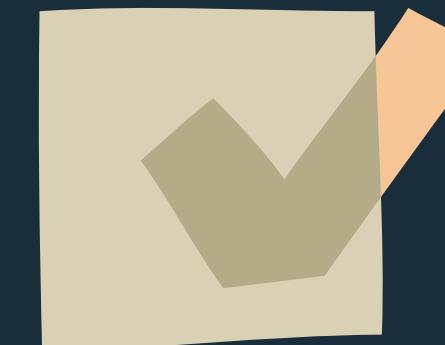
Key Features



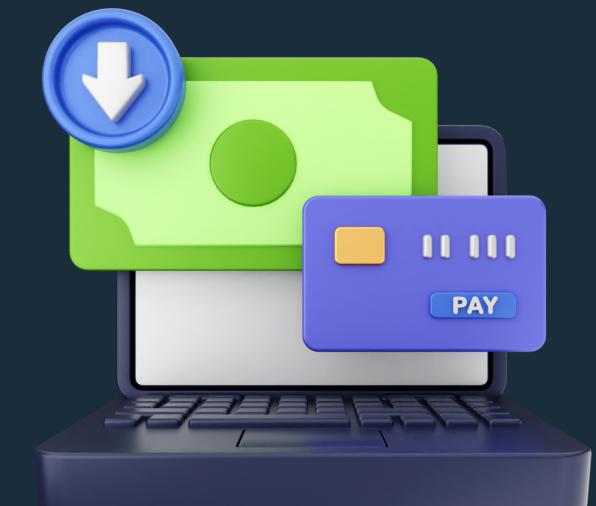
Offline Functionality: PWAs utilize service workers to cache content, enabling users to access and interact with the app even when offline, thereby ensuring uninterrupted usage.



App-like Experience: PWAs can be installed on the user's device and offer features such as home screen icons and fullscreen mode, providing an app-like experience without the need for traditional app store distribution.



Push Notifications: PWAs can send push notifications to users, enhancing engagement by delivering timely updates and alerts.



Implementation

Kids FS

Home Shop Contact

DISCOVER THE LATEST TRENDS IN CHILDREN'S FASHION

Shop Now

Implementation

The screenshot shows the Microsoft Edge DevTools interface with the Application panel selected. The main content area displays a mobile application for "Kids FS" with a pink header featuring a t-shirt icon and the text "Kids FS". Below the header are navigation links: Home, Shop, and Contact. A promotional banner at the bottom encourages users to "DISCOVER THE LATEST TRENDS IN CHILDREN'S FASHION" and includes a "Shop Now" button.

In the Application panel:

- Service workers:** Shows a service worker named "#342 activated and is running".
 - Push:** A message box contains the JSON payload: {"method": "pushMessage", "message": "Pooja"}.
 - Sync:** A message box contains the tag "test-tag-from-devtools".
 - Periodic Sync:** A message box contains the tag "test-tag-from-devtools".
- Storage:** Lists Local storage, Session storage, IndexedDB, Web SQL, Cookies, Private state tokens, Interest groups, Shared storage, and Cache storage.
- Background services:** Shows a Back/forward cache entry.

The Network requests section is visible at the top right of the panel.

The bottom of the screen shows the DevTools Console with an error message:

```
Error while subscribing to push service: DOMException: Failed to execute 'subscribe' on 'PushManager': The provided applicationServerKey is not valid.  
at subscribeToPushService (http://127.0.0.1:5500/index.html:115:65)
```

A tooltip in the bottom right corner indicates a Push Notification was received via Microsoft Edge.

Implementation

The screenshot shows a web browser window with the following details:

- Dimensions Responsive:** 200 x 500
- Console Tab:** Selected
- Network Requests:** A list of URLs and their corresponding file paths from the service.js file.

URL	File Path
http://127.0.0.1:5581/script.js	service.js:262
http://127.0.0.1:5581/images/hero.jpg	service.js:262
http://127.0.0.1:5581/images/feature1.jpg	service.js:262
http://127.0.0.1:5581/images/feature2.png	service.js:262
http://127.0.0.1:5581/images/feature3.png	service.js:262
http://127.0.0.1:5581/images/shoe1.jpg	service.js:262
http://127.0.0.1:5581/images/shoe2.png	service.js:262
http://127.0.0.1:5581/images/shoe3.png	service.js:262

The main content area displays a "Shoes Collection" page featuring a product card for "Shoes 1" priced at \$29.99, along with a small thumbnail image below it.

Implementation

The screenshot shows a browser window with developer tools open, displaying the Lighthouse audit results for a local host page. The audit score is 75, which is highlighted in orange. Other metrics shown include Accessibility (92), Best Practices (100), SEO (92), and PWA status (PWA -). A large circular Performance score of 75 is also displayed, with segments for ST, FCP, LCP, and TBT. The overall audit summary indicates a good performance score.

Dimensions: Responsive 342 x 569 100% No throttling

127.0.0.1:5501/home.html

Lighthouse Score: 75

Performance: 75

Accessibility: 92

Best Practices: 100

SEO: 92

PWA: PWA -

Metrics: ST, FCP, LCP, TBT

Values are estimated and may vary. The [performance score](#) is calculated directly from these metrics. [See calculator.](#)

METRICS

Product 1
\$19.99

THANKYOU!!