

# **SurfTheTurf**

## **T. E. Information Technology**

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2021-2022

## DECLARATION

We declare that this written submission represents our ideas in our own words and where others' ideas or words have been included, we have adequately cited and referenced the original sources.

We also declare that we have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/source in this submission.

We understand that any violation of the above will be cause for disciplinary action by the Institute and can also evoke penal action from the sources which have thus not been properly cited or from whom proper permission has not been taken when needed.

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Date:

## **CERTIFICATE**

This Web-Based Business Model Mini-project SurfTheTurf by Pranav Bangera, Harshkumar Bhikadiya , Shivam Bhosale, Parth Dali , Pranav Dalvi is complete in all respects and was successfully demonstrated on 30th October 2021.

Name : -----

Signature :-----

(Internal examiner)

Name : -----

Signature :-----

(External examiner)

Name : -----

Signature :-----

(HoD, Department of Information Technology)

Date:

Place:

## **CONTENTS**

<b>Chapter No.</b>	<b>Chapter Name</b>	<b>Page Number</b>
1	Problem Statement	5
2	Business Model Canvas	6
3	System Design	7
4	Technology used	8
5	Results	9
6	Conclusion	16
	References	17

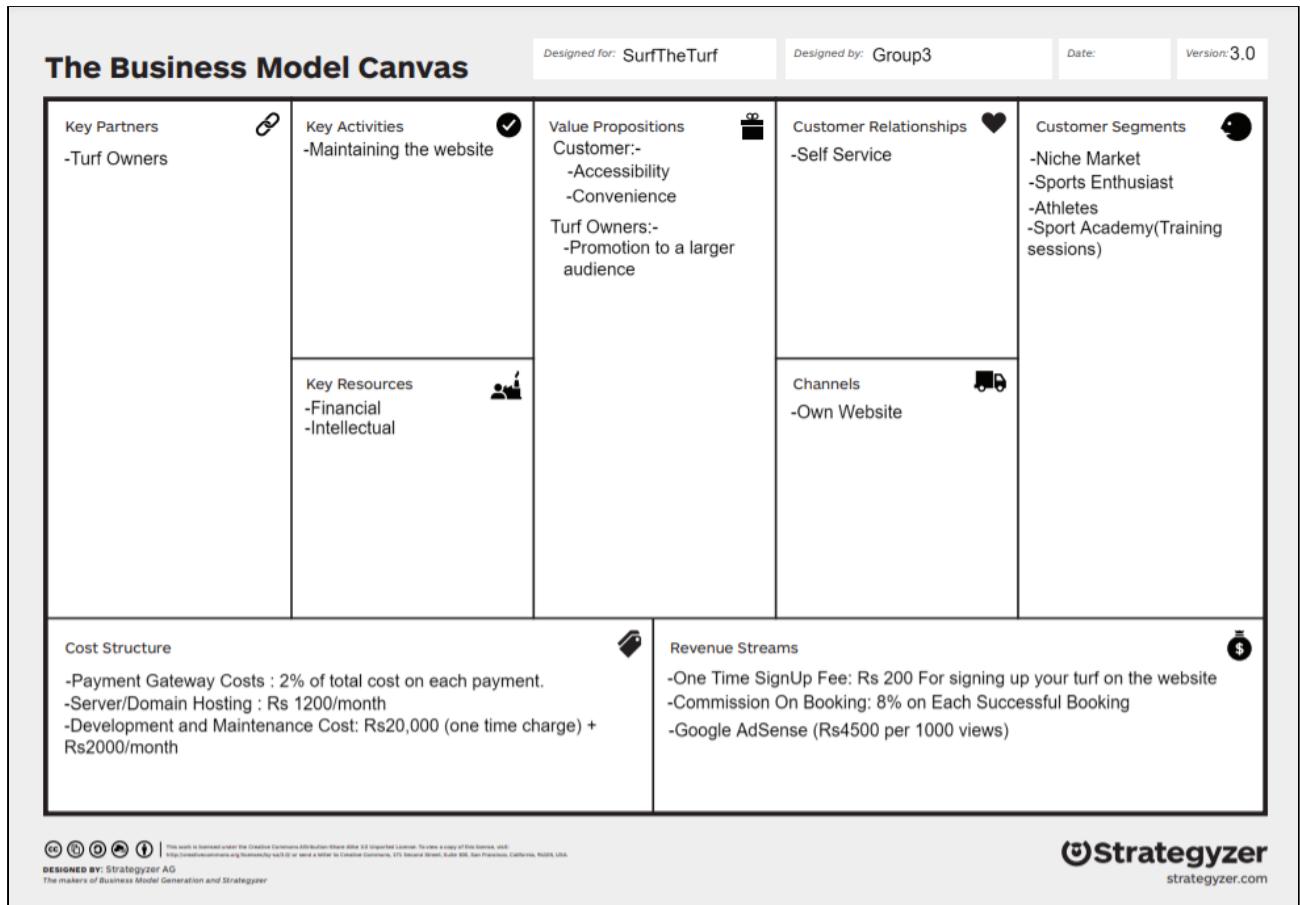
## **Chapter 1**

### **Problem Statement**

With less availability of Open Grounds, turf has emerged as a new way for everyone to get around and play together at reasonable rates. As booking turf is an ordeal for people to locate, fetch details according to their requirements, it has become a necessity to have a solution to book turf on the go. Users can check the availability of the turf, select timings, and view booking history.

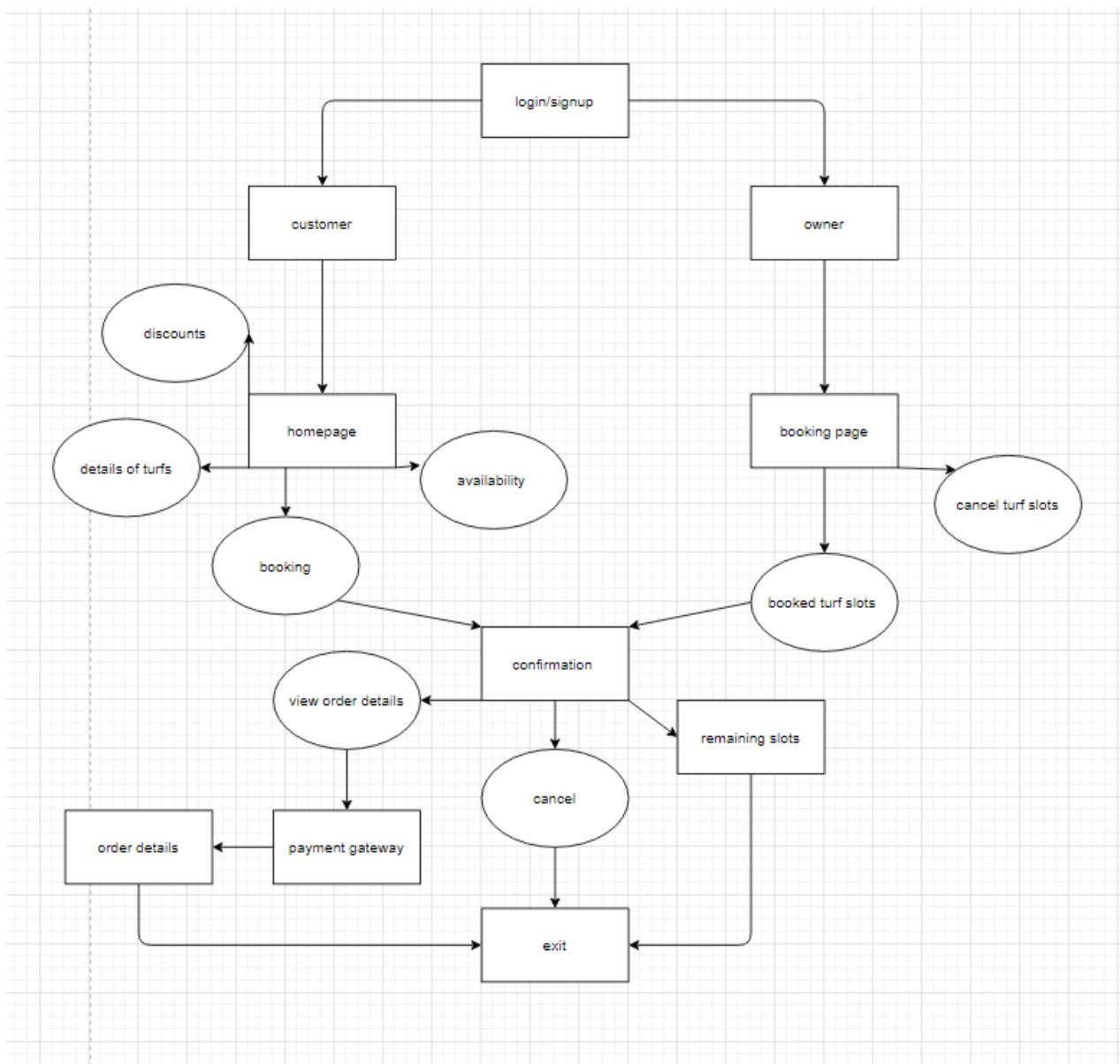
## Chapter 2

# Business Model Canvas



# Chapter 3

## System Design



## **Chapter 4**

### **Technology Used**

#### **1. Front end :**

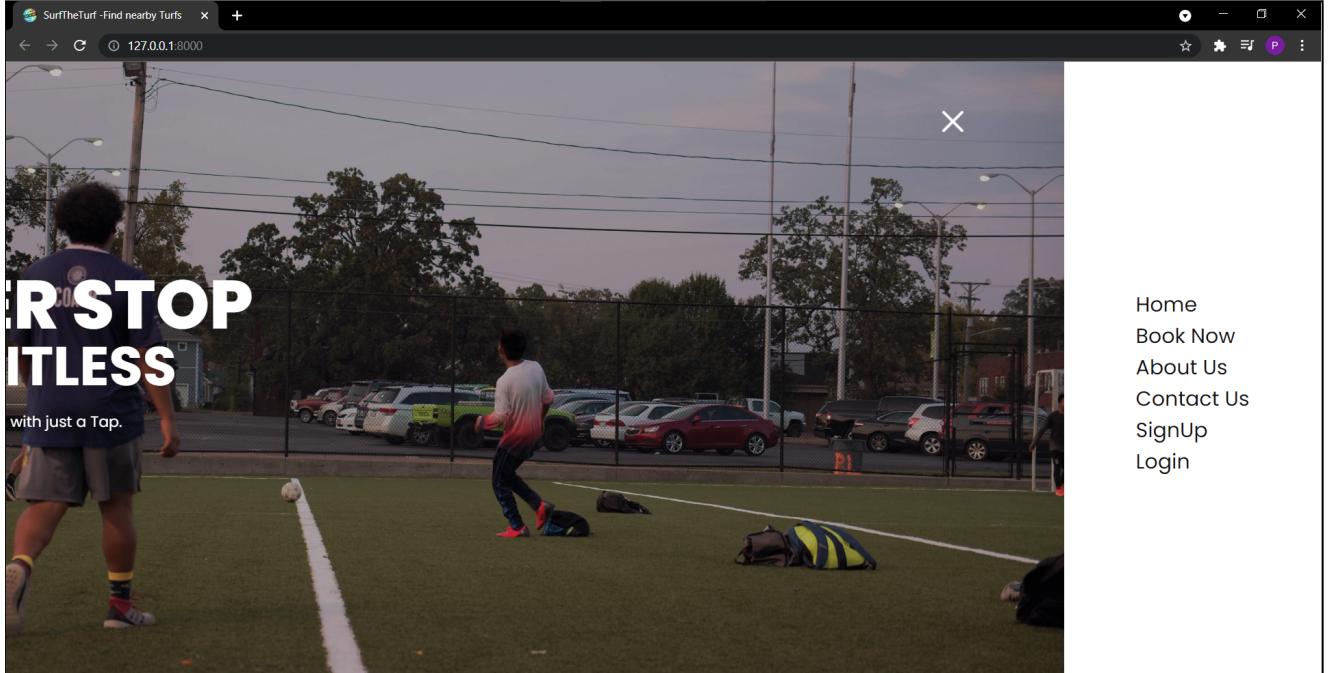
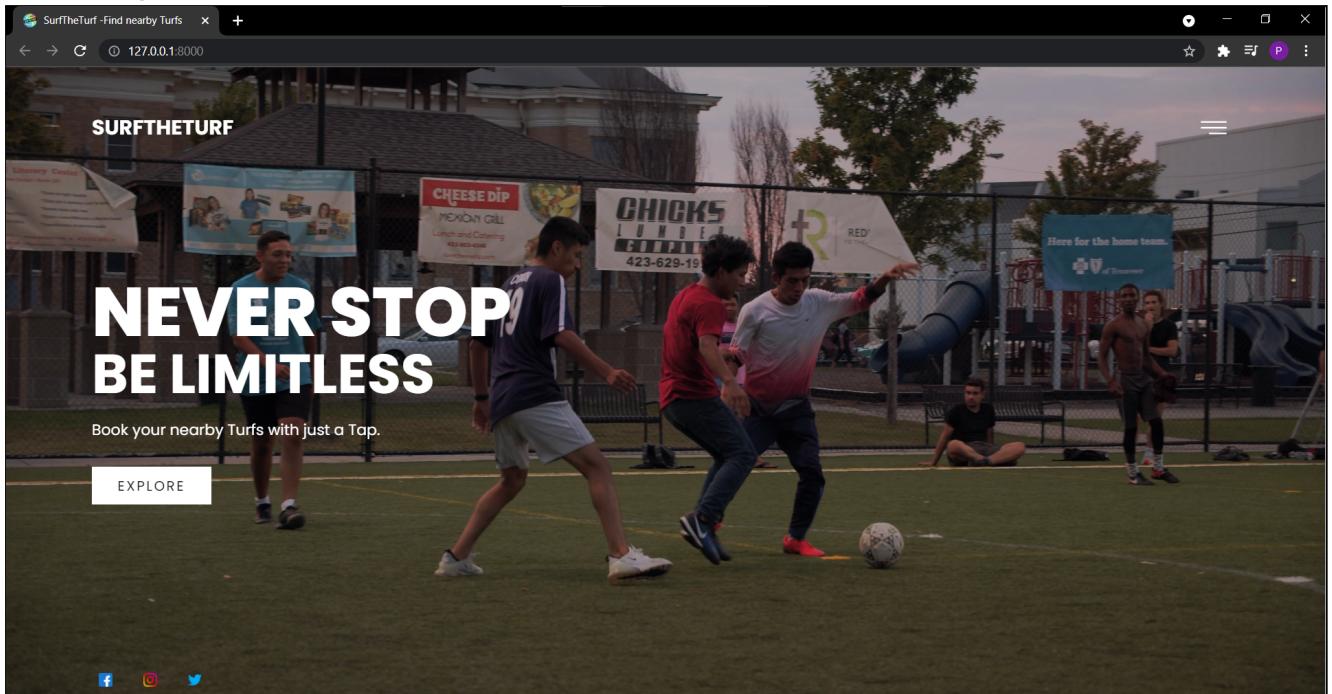
- a. HTML: HTML is the standard markup language for Web pages. We used it to design our web pages.
- b. CSS: CSS is the language we used to style our pages.
- c. JavaScript: We used JavaScript to program the behavior of web pages
- d. Bootstrap: Bootstrap was used to improve the design of the web pages and make them responsive.

#### **2. Back end :**

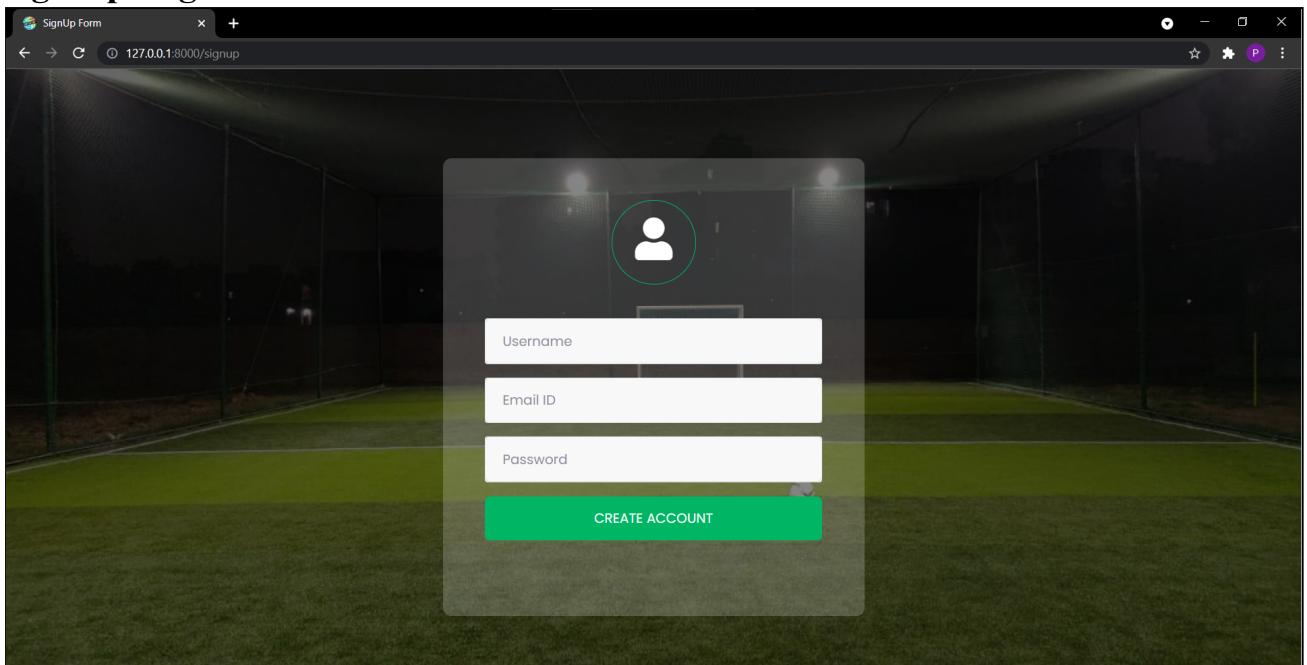
- a. Django: We used it for slot booking, user signup, login and to connect different urls and views.
- b. Postgre: We used Postgre to store the login credentials of our users and their booking details.

## Chapter 5 Results

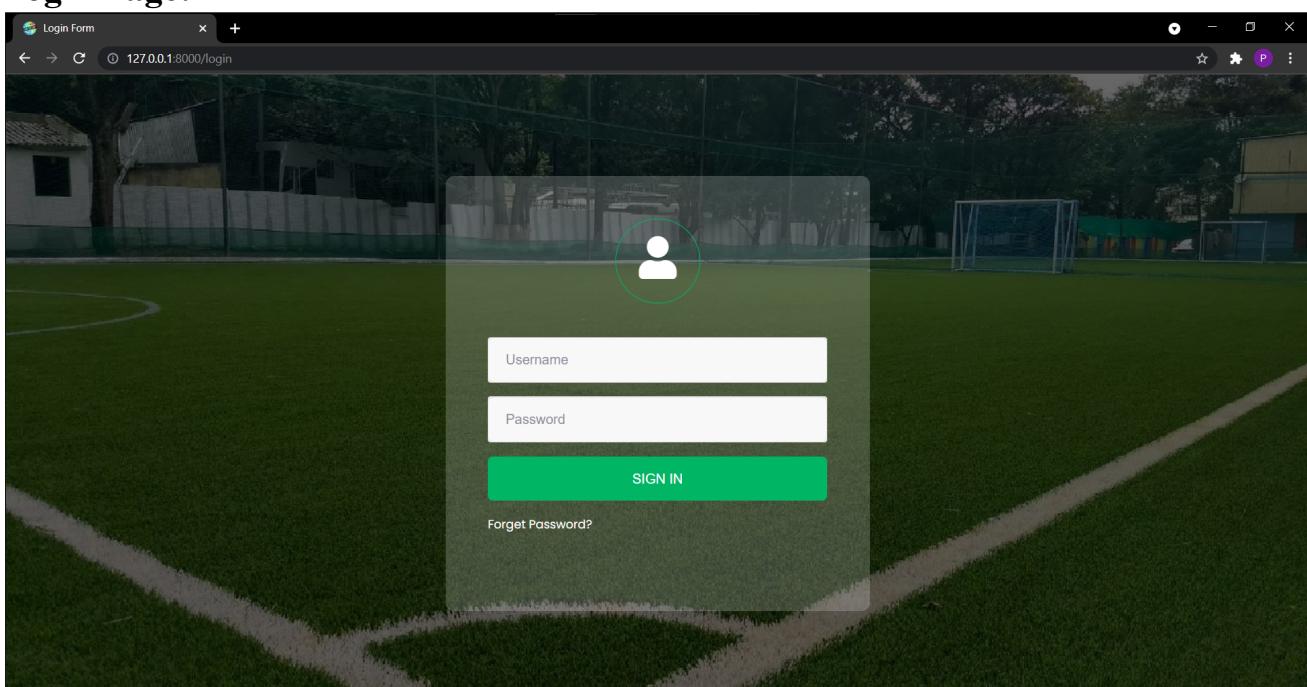
Intro Page:



## Sign Up Page:



## Login Page:



## Booking Page:

The screenshot shows a dark-themed web application for booking sports turf. At the top, there's a navigation bar with links for Home, BookNow, AboutUs, ContactUs, Order History, Hello, dev, and Logout. The main heading "Your Wait is Over!!" is displayed prominently in large white font, followed by the subtext "Turf booking just a tap away!". Below this, there are four cards, each featuring a small image of a sports field, the arena's name, its location, and a "Book Now" button.

Sir JP Sports Arena Malad(West)	Tiger play Andheri(West)	Battlefield Turf Andheri(East)	Smash up turf Kandivali(West)

This screenshot shows the same booking interface but with more options. It displays two rows of sports arenas. Each card includes a "Book Now" button. The bottom row also includes a link "127.0.0.1:8000/turf\_details".

Sir JP Sports Arena Malad(West) Cricket,Footbal(7v7)	Tiger play Andheri(West) Cricket,Footbal(5v5)	Battlefield Turf Andheri(East) Cricket,Footbal(6v6)	Smash up turf Kandivali(West) Cricket,Footbal(6v6)
<b>Book Now</b>	<b>Book Now</b>	<b>Book Now</b>	<b>Book Now</b>

Gurunanak Sports Turf Santacruz(East)	Turf on Sports Marine lines	Gallant Sports Arena Juhu	BallPark-Atria Mall Worli

## Turf Details Page:

The screenshot shows a web browser window titled "TurfDetails" with the URL "127.0.0.1:8000/turf\_details". The header includes the logo "SurfTheTurf", navigation links for "Home", "BookNow", "AboutUs", "ContactUs", and a "Logout" link. The main content area features a large image of a sports field with green grass and a building in the background. Below the image, there are two categories: "Cricket" and "Football". To the right, there is a "Location" input field containing "1, Bhoomi Park Phase 2 Rd, Malad, Jankalyan Nagar, Malad West, Mumbai, Maharashtra 400095", a "Map View" link, and a "Amenities" section with buttons for "Parking", "Washroom", "FloodLights", "Stumps", "FootBalls", and "DrinkingWater".

The screenshot shows a web browser window titled "TurfDetails" with the URL "127.0.0.1:8000/turf\_details". The header includes the logo "SurfTheTurf", navigation links for "Home", "BookNow", "AboutUs", "ContactUs", and a "Logout" link. The main content area features a "Select Date To Book:" section with a date input set to "21-10-2021" and a "Book Now" button. Below this, there is a "Terms & Conditions Applied" section with the following text:

We have to be aware of the fact that the global pandemic of Covid-19 has not ended in Mumbai. Hence, we'll be restarting with some rules. **We are confident that our valued customers will definitely abide by all the guidelines we set before booking:**

- All customers MUST arrive at the venue wearing masks. Any customers without masks will not be allowed in the premises
- Only stumps will be provided at the turf. Footballs, bats, cricket balls must be brought by the customers
- Turf timings have been limited to 6 am to 6 pm only
- No more than 14 players will be allowed on the premises at any given time. No spectators will be allowed during the booking
- All players are requested to sanitize their hands before entering the ground.
- Turf and all other equipment provided by turf will be sanitized on timely basis.

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## Slot Bookings Page:

Screenshot of the Slot Bookings Page. The URL is 127.0.0.1:8000/slot\_details. The selected date is 2021-10-23. The page title is "Turf Timings". A grid of time slots is shown, with "9-10 am" highlighted in blue. A "Proceed" button is at the bottom right.

6-7 am	7-8 am	8-9 am	9-10 am	10-11 am	11-12 am	12-1 pm	1-2 pm	2-3 pm	3-4 pm	4-5 pm	5-6 pm	6-7 pm	7-8 pm	8-9 pm	9-10 pm	10-11 pm	11-12 pm	12-1 am
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Proceed

## Checkout Form Page:

Screenshot of the Checkout Form Page. The URL is 127.0.0.1:8000/turfbilling. The page title is "Checkout form". It shows a "Billing address" section with fields for UserName (dev), Email (dev96@gmail.com), Selected Date (2021-10-23), and Current Date (2021-10-21). It also shows a "Your cart" section with a Total (Rs) of 1400. At the bottom, it shows Booked Slots (9-10 am, 10-11 am) and a "Continue to checkout" button.

Billing address

UserName  
dev

Email  
dev96@gmail.com

Selected Date  
2021-10-23

Current Date  
2021-10-21

Booked Slots  
9-10 am    10-11 am

Your cart

Total (Rs)  
1400

Continue to checkout

## Order History:

The screenshot shows a web browser window titled "Order History" with the URL "127.0.0.1:8000/orderHistory". The page displays "My Bookings:" with two entries. Each entry includes "Booking Details:" and booking information.

Booking Details:		Booking Date:	Selected Date:
Name:	dev	2021-10-12	2021-10-13
Email:	dev96@gmail.com		Time Slot: ['9-10 am', '10-11 am']
Booking Time:	13:46:53		Total Amount: Rs. 1400

Booking Details:		Booking Date:	Selected Date:
Name:	dev	2021-10-21	2021-10-23
Email:	dev96@gmail.com		Time Slot: ['9-10 am', '10-11 am']
Booking Time:	12:26:03		Total Amount: Rs. 1400

[Cancel](#)

## About Us page:

The screenshot shows a web browser window titled "AboutUs" with the URL "127.0.0.1:8000/aboutus". The page features a header with the logo "SurfTheTurf" and navigation links: Home, BookNow, AboutUs, ContactUs, SignUp, and Login. The main content area has a heading "Get Set Go!!" followed by a mission statement. Below this are three service highlights with icons and descriptions.

**Get Set Go!!**

Our mission is to make it easier for everyone to play sports and increase the utilisation of facilities.

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<b>Advance reservation and online booking</b> book your turfs in advance by using our website	<b>Real time alerts and notification</b> You will get your booking and cancellation status via sms and email	<b>Rate and review</b> You can rate the turfs/playground you are playing at

**Online and offline payment mode available**  
You can do your payment via online and offline mode

**Discount vouchers**  
Generate discount vouchers for special customers

**Location search**  
Search and find turfs around you

### Meet Our Team

Pranav Bangera Front-End Developer	Harsh Bhikadiya Full-Stack Developer	Shivam Bhosale Full-Stack Developer	Parth Dali Full-Stack Developer	Pranav Dalvi Front-End Developer

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## Contact Us Page:

**Contact Us**

Your Name  
Your Email  
Your Contact No  
Your Message

Submit

## **Conclusion**

It took us three months from idealization to deployment of the project. We used Html, Css, Bootstrap, Javascript technologies for the front-end and Django and Postgre for the back-end. The cost of developing the website will be Rs 20,000 approximately. Further the maintenance of the site will be around Rs 2000 per month. The charges for hosting the websites are Rs 1200 per month. There will also be a signup fee of Rs 200 for the turf owners. For every successful booking made through our website we will charge 8% of the booking cost. Through our project we aim to simplify the issue of turf booking and make it easier and convenient for the customers.

## **References**

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- 2.AvailableOnline:<https://www.fatbit.com/fab/category/web-based-business-ideas/> (Accessed: July 24, 2021)
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