



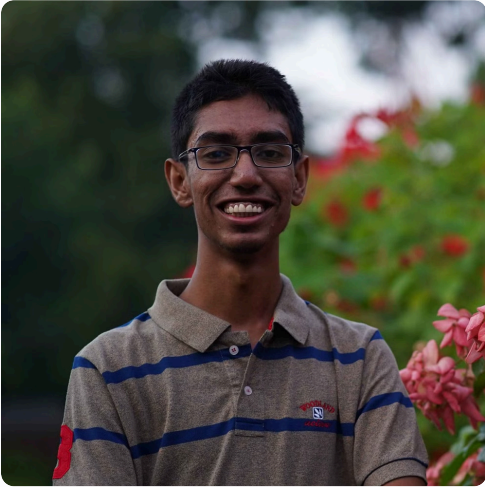
Learnathon 3.0 Pitch Deck

TurfMania: A MERN Web Application

Playground Booking Platform in Bangladesh

Team_DevOrbit

Team Members



Mir Sayad (Lead)

- BSc. in SWE, IUT (3rd year)
- Competitive Programmer (Codeforces Specialist)
- Done some projects in .NET
- Learning MERN & Cloud (Microsoft Azure)
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Kashshaf Labib

- BSc. in SWE, IUT (3rd year)
- Skilled in MERN, Java, & C#
- Competitive Programmer (Codeforces Pupil)
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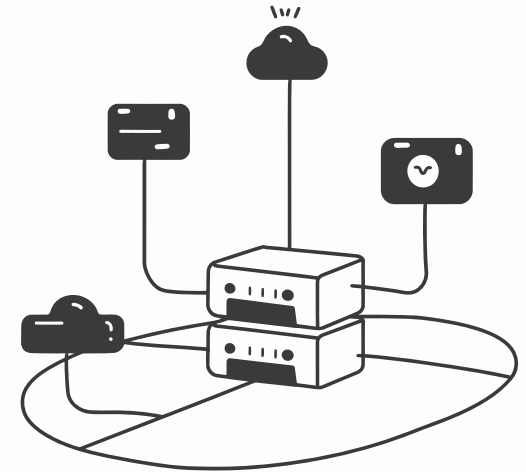


Navid Kamal

- BSc. in SWE, IUT (3rd year)
- Experienced with MERN stack
- Enthusiast in LLMs & Generative AI
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TurfMania: Our Solution

TurfMania is a platform for users to discover, and reserve turfs, while enabling playground owners to efficiently manage their listings and bookings.



Pain Points: Traditional Turf Booking Process in BD



Manual Bookings

- Phone calls, messages, in-person visits
- Time consuming
- Delayed response



Inconsistent Availability

- Difficult to find open slots for turfs
- Lack of realtime communication



Owner Management Challenges

- Limited tools for managing bookings

TurfMania: Solving the Problem

User-friendly Platform

TurfMania provides a simple and intuitive interface for both users and owners.

Seamless Access

Users can easily browse available turfs, view schedules, and make bookings online.

Efficient Booking System

The platform automates the booking process, eliminating the need for manual communication and reducing errors.

Increased Utilization

By connecting users with playgrounds, TurfMania helps maximize the use of facilities, boosting revenue for owners.

Core Features: For Users and Owners



Registration and Authentication

- Secure sign-up, login, profile management



Playground Listings

- Comprehensive listings
- Categorization based on sports



Booking System

- Check availability
- Reserve time slots
- Choose playground for specific sports

Seamless Navigation and Decision-Making



Search and Filter

- Location, sport type, availability, price-based search



Reviews and Ratings System

- Review turfs
- Informed booking decisions



Features for Playground Owners



1

Register Venues

Easily register and list turf

2

Manage Listings

Update information, photos

3

Availability Control

Set open hours, track bookings

4

Revenue Tracking

Monitor performance, manage finances

Centralized Admin Control

1

User Management

Account creation, access control

2

Playground Management

Listing oversight, content updates

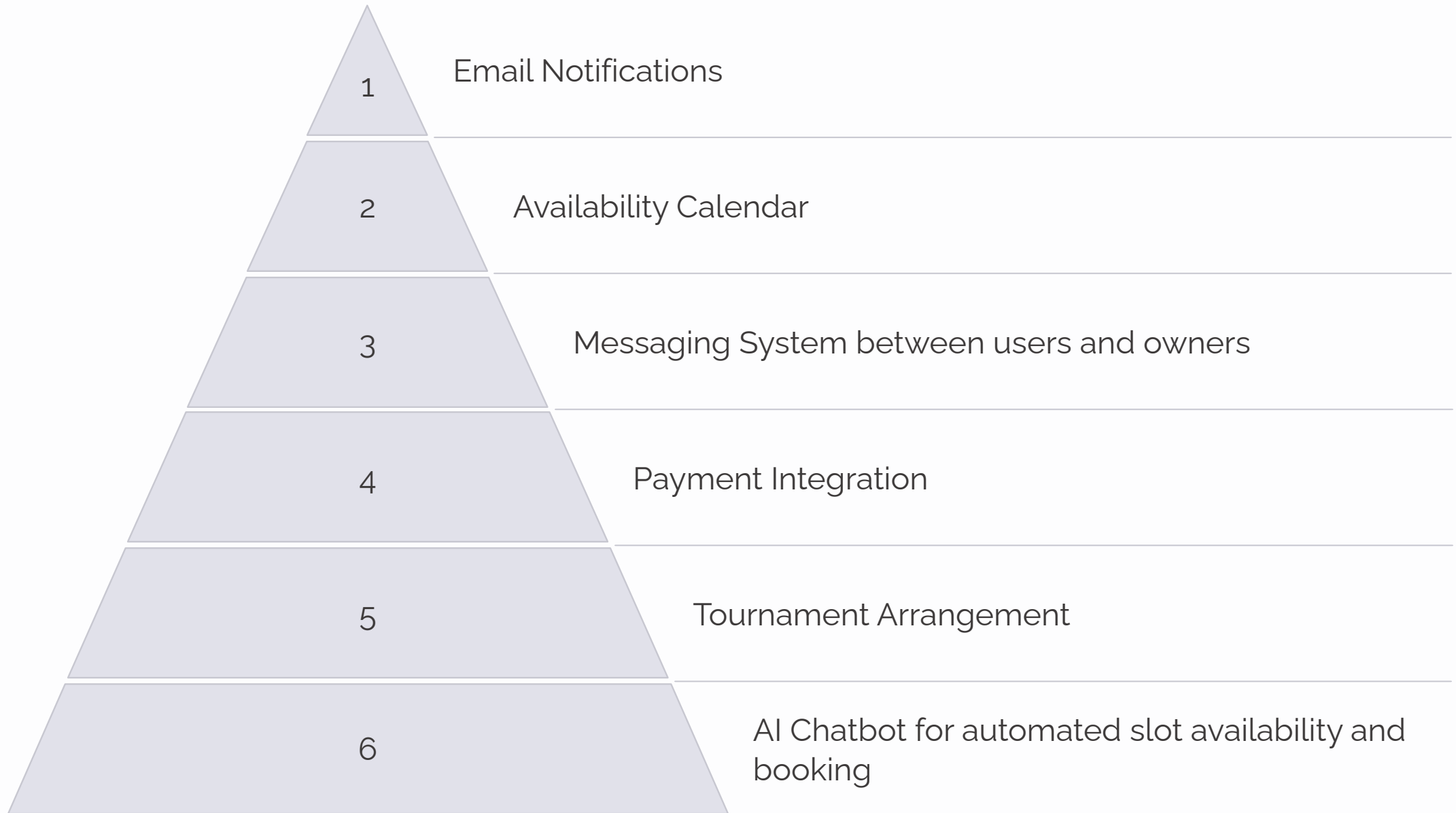
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Review Management

Moderation, feedback analysis



Expanding TurfMania's Capabilities



Questions for mentor

Architecture and Project Structure

What kind of architecture and project structure should we use to make our project industry-standard?

CI/CD Pipeline Implementation

There are extra marks for implementing a CI/CD pipeline, but we don't have any experience with DevOps. What is the learning path to get started with this topic?

Thank YOU.
Your feedback would
be greatly
appreciated.

