

CIS-641 FINAL PROJECT PRESENTATION



BADMINTON COURT BOOKING APPLICATION – IN A LEAGUE OF YOUR OWN

Marvels

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TEAM DEVELOPERS



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BACKEND



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FRONT END



SAHITHI REDDY
INTEGRATION



SAI SUJITH
DATABASE/TESTING

Project Description

- In a summary, an online reservation system adds a booking facility to the website and allows you to provide hassle-free booking to your customers.
- Moreover, if they want to book a Badminton court, they do not need to call and make an appointment; rather, they can simply choose the desired date and time and confirm the booking after making a successful advance payment.
- That is exactly what the play spots Badminton ground booking. If you want to book a pitch at any of our partner facilities, we make it quicker than ever...

Anticipated Technologies:

The backend data base for this application on web based is with RDBMS—relational databases respective with the java model view control method to be loaded into web.

In the front-end UI part, we are using hypertext markup language and CSS script

Training Strategy:

- Firstly, the user must sign up or login by entering the required details.
- If the user is new to the application, they will sign up by entering the required fields. If the user has already signed up before they can simply login to the application.
- Then the user will be directed to the home page, where the available courts will be displayed for the users to select.
- The user can select the Required court by choosing the basic requirements displayed in the homepage. Here the user can select the court size and the number of players they want to play.
- After choosing the court with their requirements, the amount to be paid for their court will be displayed.
- The user will be redirected to the payment page where they can choose the method of payment i. e. debit card or credit card and proceed with the payment.
- Followed by this the customer will receive a confirmation regarding their court.
- They will even receive a confirmation mail for the same.
- Thereafter the user can also access to the orders, that is the courts they have booked in their order history.
- This application is responsive UI.

Method/Approach:



METHODS

FrontEnd-JSP

The responses are being called from Html and CSS scripts. Multiple checks with user inputs and password validations. The web pages responses are being retrieved and to be checked the user feasibility.

BackEnd-Spring MVC

When there is a response request made from the front end then in the backend the data would be given response from the framework modules.

Integration

The project includes the Controller part as main code, that includes SPRING-MVC framework that is used to build the web applications. The HTTP requests and responses are managed from this framework. SQL is integrated with the JAVA in the backend and data is retrieved with integration of java and SQL DBMS.

Output

The output is being called with API and controllers that would execute and return methods for output results.

Integration within ecosystem/Software:



- *Our application is user friendly*
- *Our Application ensures that the customer can login into our website easily if customer is able to book the court, then we can ensure that one of the functional requirements is working properly.*
- *The output is being called with API and controllers that would execute and return methods for output results.*
- *The responses are being called from Html and CSS scripts. Multiple checks with user inputs and password validations.*
- *The web pages responses are being retrieved and to be checked the user feasibility.*

BURNDOWN CHART

LINK TO OUR BURNDOWN CHART -

<https://badmintoncourtapplication.atlassian.net/jira/dashboards/10001>

Pre-Requisite

The backend data base for this application on web based is with RDBMS—relational databases respective with the java model view control method to be loaded into web.

- In order to set up Java, we will need to use the Java Development Kit (JDK).*
- Finally set the PATH and JAVA_HOME environment variables to refer to the directory that contains java and java_install_dir respectively.*
- Need to Setup the Eclipse IDE.*
- Need to install Apache Common Logging API. After you have successfully downloaded the installation, we will need to unpack the binary distribution into a location that is easily accessible.*
- These jar files and supporting documents will be in this directory.*
- After we have finished installing the Spring Framework Libraries, we will be able to move on to installing the Spring Framework itself.*

Run Instructions

Post-midterm Alterations:

- The application's functionality is monitored and maintained by the backend has been altered.
- By Using the "First Come, First Served" method is a part of court booking helps sort things out.

So, it is simple to check data from beginning to end.



BADMINTON COURT APP



Badminton Court App

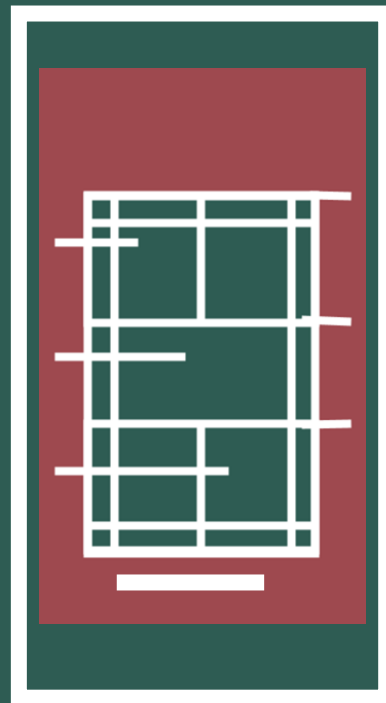
Log in

ericanders

Log In

Or

Sign Up



SIGN UP PAGE

SLOT BOOKING DETAILS

Badminton Court App

Create your account

Full Name

Username

Email Id

Phone number

0

Password

Confirm your password

[Submit](#)

Badminton Court App [Logout](#)

Place

dd/mm/yyyy

--:--:--

[Search](#)

Court Id	Court Name	Court Type	Court Address	Open Time	Close Time	Court Fee	Additional Player Fee	Racket Fee	Action
2002	Boston Courts	Dry	Boston, United States	07:00	21:00	185.0	35.0	20.0	Book

Provide some additional information:

Number of players:

4

Number of extra rackets:

4

I

↑
↓

Proceed to Payment

PAYMENT

Badminton Court App

Logout

Your total is: 370.0

Eric

I

Card Number

Expiry in MM/YY format

CVV

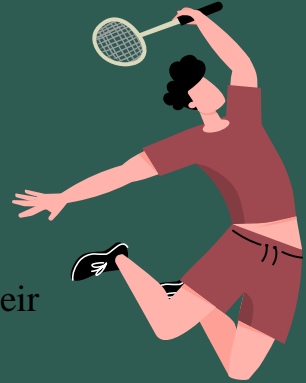
Pay

SCHEDULE HISTORY

Badminton Court App				Logout
Booking Id	Court Name	Booking Date	Price	
2	Boston Courts	2022-12-12 10:10:00.0	370.0	

Conclusion

- This website enables the user to book the slot according to their convenience and provides the secured payment methods.
- The User Interface is feasible to the user to understand and navigate through the options and to complete the operation.
- The user can also provide their respective feedback and reviews about the website, and it is flexible to make the changes to this website accordingly.





THANKYOU