

Architecture of the System

Dual Interface JSON Web Service

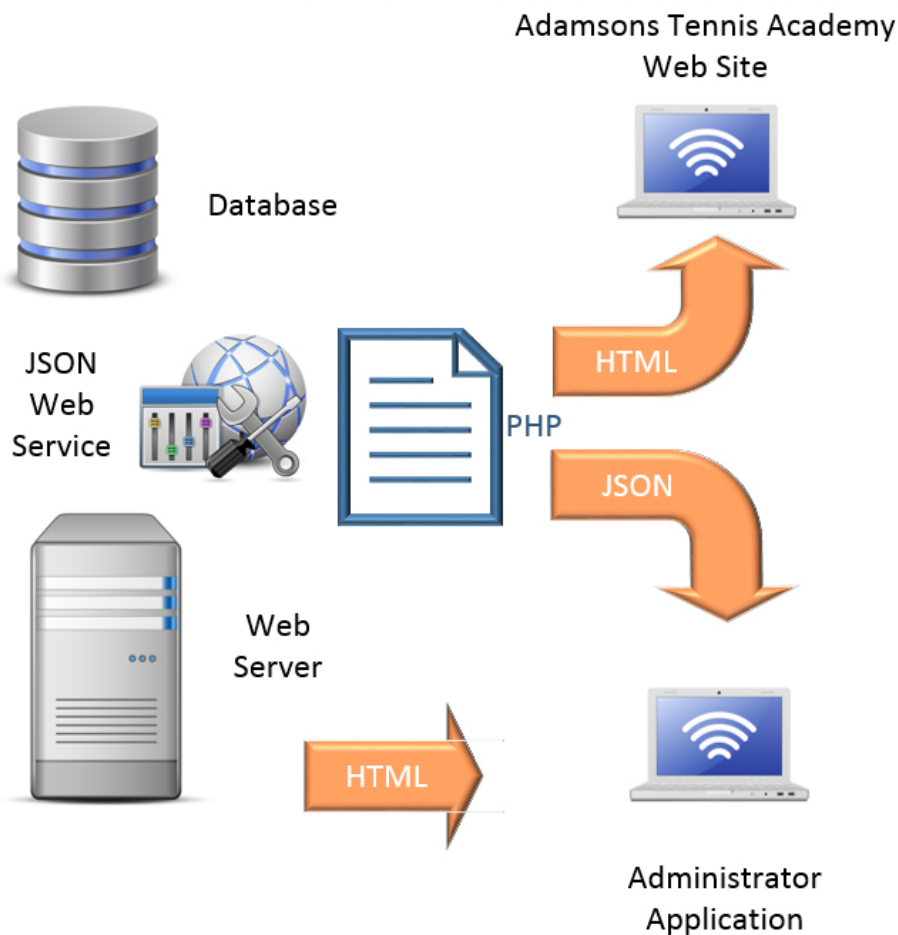


The system is based on a dual-purpose service interface that can be used either by PHP programmers or mobile application developers working from a wide variety of platforms.

Adamson's Tennis Academy

The Adamson's Tennis Academy site consists of a standard PHP web site using a content management application based on the Dual Interface JSON Web Service.

Content on the Adamson's Web site can be created or updated through the Administrator Application. This content is directly applied to the Web site at the HTML page creation stage. This insures search engine optimization.

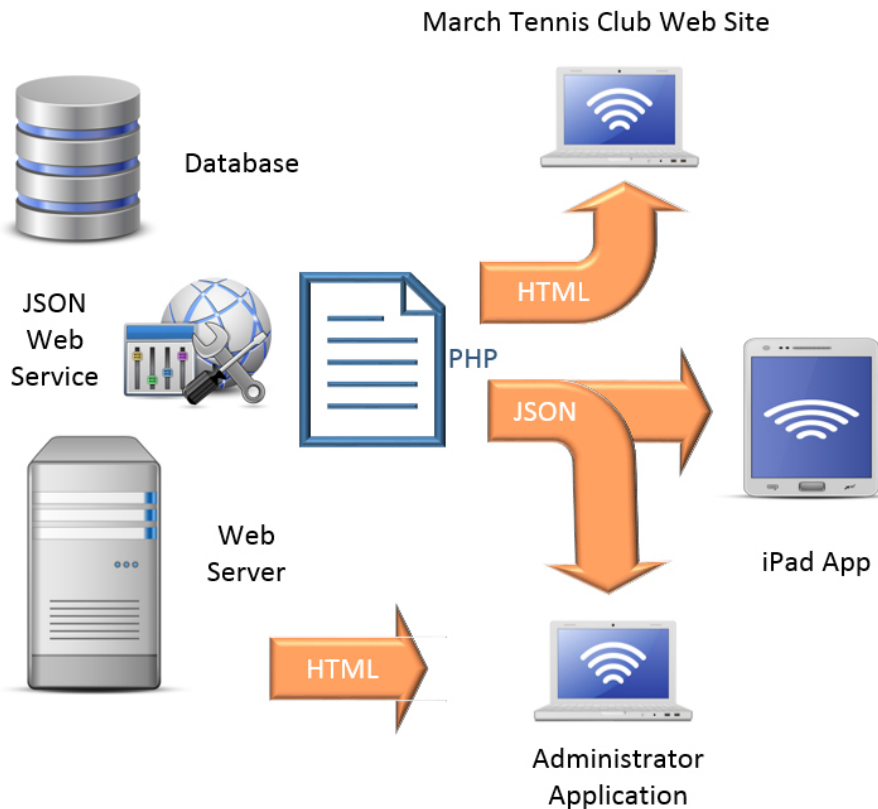


March Tennis Club

The March Tennis Club site consists of a standard PHP web site using a content management application based on the Dual Interface JSON Web Service. The system also contains a tennis court reservation system using an iPad administration App and Ajax driven court reservation on the web site.

Content on the Web site can be created or updated through the Administrator Application. This content is directly applied to the Web site at the HTML page creation stage. This insures search engine optimization.

The Court Reservation System is managed through the Administrator Application.



MTC Courts

MTC Courts represent the courts that you have in your club.
You must insure that you have enough MTC Court entries to represent all the courts in your club.

How to Add a Court

Select the MTC Court button to display a list of MTC Courts

To add a new court select the Create a New MtcCourt Button

Admin Portal		Reports		Reservation Manager		
t	MTC Notice	MTC Court Reservation	MTC Court	MTC Member	MTC Category	MTC

ss Name: MtcCourt

Create a New MtcCourt

Show10Mtc Courts starting from number: 0

Enter the Court Name
Enter the Court Type – Note Type is used to group courts of similar types. For instance if you wanted to have reservations for more than on place you could use the Court Type to allow this type of functionality.

Admin Portal		Reports	
Event	MTC Notice	MTC Court Reservation	MTC Court

Item Class Name: MtcCourt

Court Name:

Court Type:

MTC Open Dates

MTC Open Dates represent the hours that your club is open. You must insure that you have the correct open date entries so that your reservation system operates correctly.

How to Add a group of Open Dates

Select the MTC Open Dates button to display a list of MTC Open Dates

To add a new group of open dates select the Create a New MtcOpenDatesHelper Button as illustrated below:

Admin Portal		Reports		Reservation Manager			Log Out	
ent	MTC Notice	MTC Court Reservation	MTC Court	MTC Member	MTC Category	MTC Permissions	Canned Queries	MTC Open Dates

Class Name: MtcOpenDatesHelper

[Create a New MtcOpenDatesHelper](#)

[Show](#) **Mtc Open Dates starting from number:**

[Edit](#) [Delete](#) [Clone](#)

Developer Season Wednesday Open: 07:00:00 to 22:00:00

[Edit](#) [Delete](#) [Clone](#)

Developer Season Thursday Open: 07:00:00 to 22:00:00

A form will be displayed showing the input fields for the information required to construct a group of open dates for you.

Open dates are made up of groups of similar open hours. For instance if the club is open from 7:00 AM till 10:AM Monday to Thursday during summer hours this is considered a group. Groups make it easier to enter open dates since you do not have to enter values for all the days in the group. You only have to enter values for on one form that specifies a start Day and an End Day for the group. Note the start day must be sequentially smaller than the end day. Sunday is the first day in the sequence of days and Saturday is the last so a sequence of days starting at Sunday and ending at Saturday would create entries for all days of the week. The following picture shows how to create entries for the time period covering May 1st – June 21st where the open hours for Monday to Friday are 4:00pm to 10:00pm

Item Class Name: MtcOpenDatesHelper

Save Cancel

Name: May 1st - June 21st

Day: Monday

Start Date: 2015-05-01

End Date: 2015-06-21

Start Time: 04:00 PM

End Time: 10:00 PM

Type: 0

Comments: Mandatory Comment

End Day: Friday Creates all entries between Day and End Day automatically (leave empty for one day)

When the Save button is pressed 5 entries will be created one for each day in the sequence as illustrated below.

Edit	Delete	Clone	May 1st - June 21st Monday Open: 16:00:00 to 22:00:00
Edit	Delete	Clone	May 1st - June 21st Tuesday Open: 16:00:00 to 22:00:00
Edit	Delete	Clone	May 1st - June 21st Wednesday Open: 16:00:00 to 22:00:00
Edit	Delete	Clone	May 1st - June 21st Thursday Open: 16:00:00 to 22:00:00
Edit	Delete	Clone	May 1st - June 21st Friday Open: 16:00:00 to 22:00:00

To enter values for Saturday and Sunday for this time period press the Clone button on one of the existing entries. Change the Day to Saturday, modify the Start and End Times and press save. Repeat for Sunday.

MTC Permissions

MTC Permissions allow you to control the things that MTC Members are allowed to do. For instance you do not want regular members to be able to edit the web site so you make sure their permission level does not allow that. The following list shows the permission values and their associated permissions.

- Value: 0 Member just registered not paid up – No permissions
- Value: 1 Paid Member
- Value: 2 Paid Member – Court Reservation permissions
- Value: 3 Court Captain – Manage Court Reservation permissions
- Value: 4 Editor – Edit Web Site permissions
- Value: 5 Admin – All permissions

NOTE only Admin can change permissions above level 3
Court captains and Editors can change permissions up to level 3