



**The following test is designed to judge:**

- 1) *Your ability to read and understand from the specs.*
- 2) *Your ability to deliver on the functionality including the exhaustiveness of your testing.*
- 3) *Your technical capability and efficiency. The task should take anywhere between 1 - 3 hours for you to complete and hand it over to us for review.*

**Notes:**

- i) Mandatory to use **PHP OOP's concept**.
  - ii) Mandatory to use **recursive function** for listing records.
  - iii) Mandatory to use **jQuery append** on record insert.
  - iv) Use **PHP PDO**.
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## Test Details:

Server: WAMP

Database Details:

Host : localhost

Username: root

Password: console (For Linux OS)

Password: (blank) (For WindowsOS)

DB Tool: phpmyadmin

<http://localhost/phpmyadmin/>

## Test Process:

Following are the process and steps for machine test.

- i) Create Directory with your name in wamp/www/html/test/your\_dir\_name and save all files within it.

Eg : wamp/www/html/test/sachin

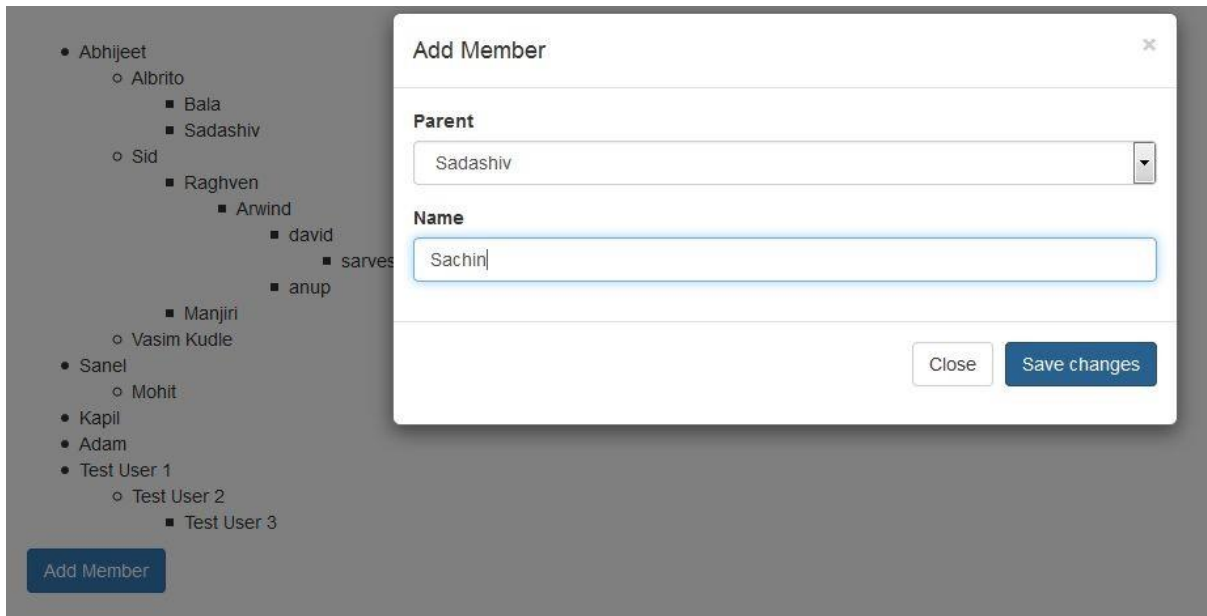
- ii) Create Mysql Database using phpmyadmin with your name and then create "Members" table with following fields.

Id	INT	Auto-increment, Primary Key
CreatedDate	DATETIME	
Name	VARCHAR(50)	
ParentId	INT	Foreign key for same Table

- iii) Index page: On index page (landing page of your directory) fetch the list of all members from database that you have created in in step (ii).
- List should be in HTML UL LI tag format (Tree structure).
  - No Need CSS special effects, Just Basic HTML is fine.



- iv) After displaying all members put **"Add Member" button** just below the members listing.
- By clicking on "Add Member" button will **open popup, Popup must be jquery popup like (fancybox, lightbox, modal box etc.)**
  - Popup contains 2 HTML form fields **(Parent [Dropdown], Name [Text Field])**  
Parent dropdown field should be dynamic and it will have list of all members those are in your database table.



- Name field must have **client side validation**. Like it must **accept only string** and should not be empty.
  - On Popup there will be button **"Save Changes"**. By clicking on this button first it will validate the form and then send form details to DB **using jQuery ajax call**. You must have to use ajax call only for sending form data into database.
- v) Last step in process is, once data get submitted into database **using ajax** and on ajax success response you have create UL LI **tag to append the newly created** entry into the existing tree structure. Also make sure appending the new entry **under proper parent** member which you have selected from popup dropdown field.
- Also **make sure you are not refreshing/reloading page to reflect the result.**



**Strictly not Permitted to download or install any application/Software while performing machine test on computer.**