



DAL Technology

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# Test for Candidates

## Application Test for Candidates

Submitted by:

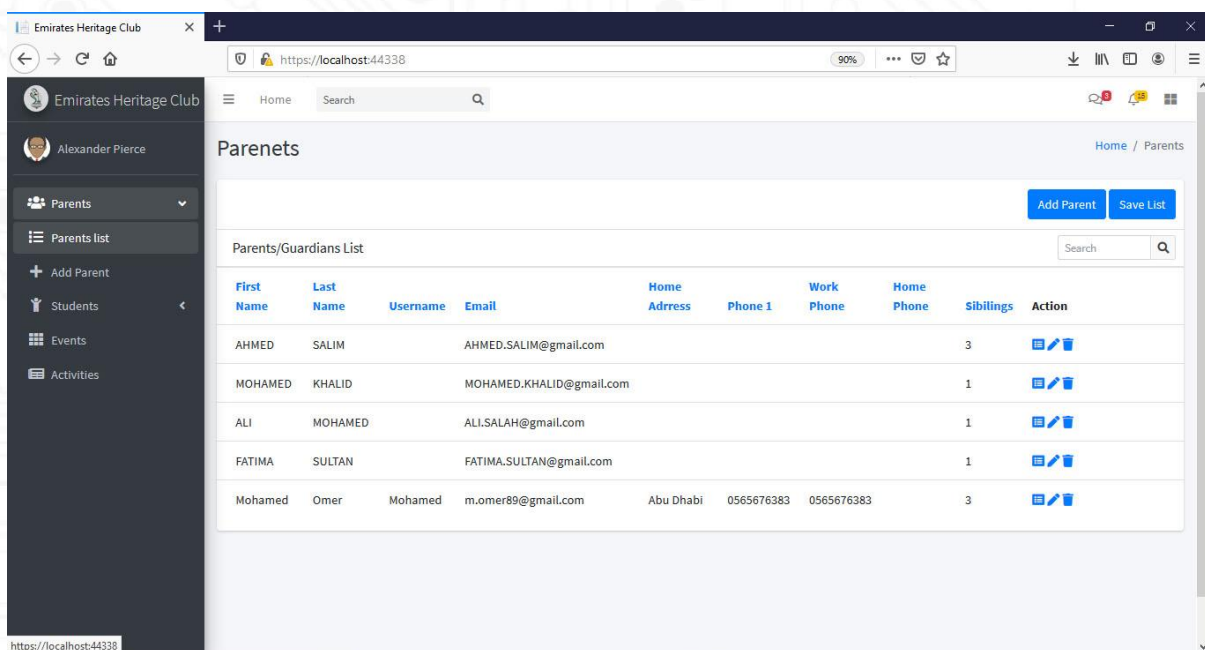
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## Simple Test application

we will be developing a simple parent/student application will call it Pschool. this app shall be used to view students and there Perants.

just a simple 2 view app (perent view, student view) see attached image for reference.



you will create two sperate projects:

### 1\Pschool API(backend):

This shall be Asp.net web API project that contains the API Controllors,

you can use any database(SQL Server, express, PostgreSQL or SQLite should be fine) as long as you use EF Core as the database provider.

entity relationship every strudent has a perant.

## 2\Pschool blazor webassembly (frontend):

This is blazor webassembly frontend, you should create 2 separate views one for parents view and one for students,

on both views the user should be able to perform basic operations like add, edit and delete.

in the student page the user should be able to filter students based on parent select form a dropdown list.





**Thank you**  
**For your attention**