

## IS 413 – Hilton

### Assignment #10

For this assignment, we will use the “BowlingLeague” database from IS 402. (The SQLite version of the database is attached to the assignment in Learning Suite.)

Create an app that displays a contact list for all the bowlers in the league: First Name, Middle Init, Last Name, Address, City, State, Zip, Phone Number

Build a filter that allows the user to select a team name and have only the contact names for that particular team appear. Make sure the selected team is highlighted in the list. Add a heading onto the page with the team name when that particular team is selected (#notcoveredinthevideos). Allow the user to click “Home” to go back to the full list of bowlers.

Add pagination so that only 5 bowlers show up on the screen at a time.

As always, write good. clean, readable code.

**(#InstructorRant:** This is one of these assignments where you could choose to complete the assignment by just following along with the video line-by-line and click what I click and type what I type and maybe even just copy chunks of code in order to get the assignment done as quickly as possible and get your 100 points and move on to more important things. But I would instead suggest if you really want to learn it that, after following along with the videos, you try to complete the assignment *without* using the videos or the sample program you built. Just think through the problem and how you would solve it, and then refer back to the program as needed when you get stuck. That strategy is in line with the “Sharpening the Saw” principle that will help these concepts stick and make life easier for INTEX and, much more importantly, for when you go out into industry. I know that there are many of you who been doing that all semester long. Thank you for all your efforts!)

**Submit a link to the GitHub repository containing your assignment via Learning Suite.**