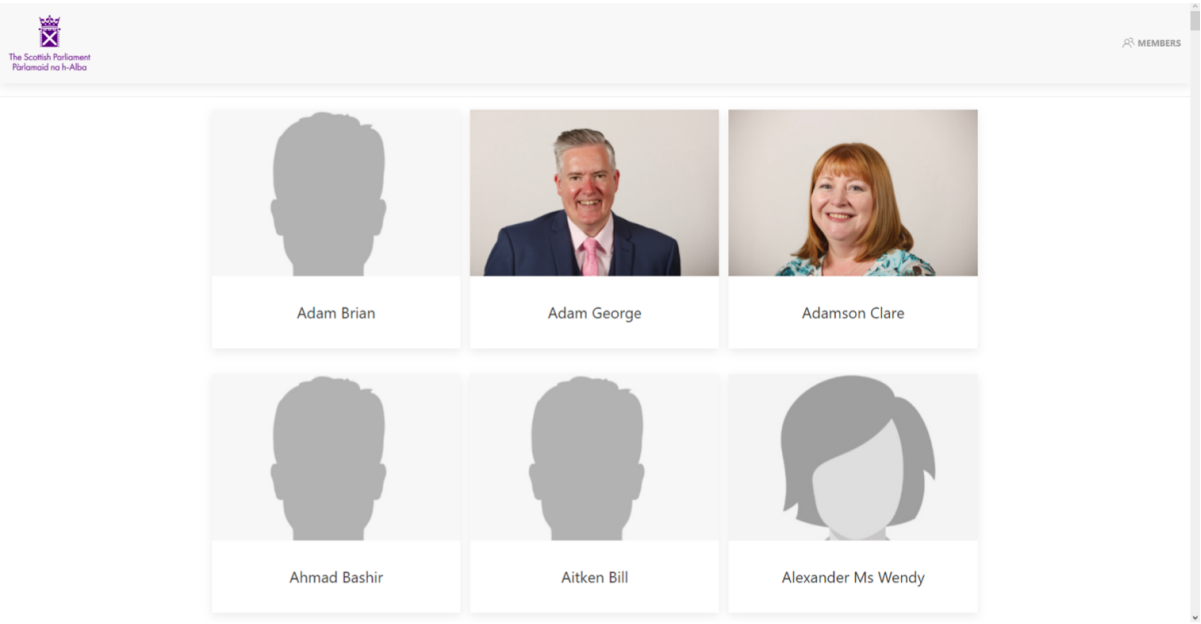
Web Architectures Assignment 4

Given the list of members of the Scottish Parliament, available at (https://data.parliament.scot/api/members)
create an angular application that lists the parliament members (showing their name, and if the PhotoUrl field is not empty add an icon to show that the photo is available).



Every name is linked to a personDetail page that:

- shows the birthdate (if available)
- shows the picture (if available)
- shows the party to which the parliamentary belongs (using https://data.parliament.scot/api/memberparties and https://data.parliament.scot/api/parties. Suggestion: create a service to cache (part of) the data.
- shows her/his website (if available, from https://data.parliament.scot/api/websites)

The Scottish Parliament
Pàrlamaid na h-Alba

MEMBERS

Member 5877

Balfour Jeremy

March 11, 1967

Parties

- Scottish Conservative and Unionist Party | From May 5, 2016

Websites

- HTTP://WWW.PARLIAMENT.SCOT/MSPS/CURRENT...
- HTTP://WWW.PARLIAMENT.SCOT/MSPS/CURRENT...
- HTTPS://WWW.JEREMYBALFOUR.ORG.UK/

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The Scottish Parliament

Use routing to allow moving between the two pages (the lists, and the personDetail).

Deploy the application serving it from Tomcat (e.g. create a simple Web project having your name in IntelliJ that delivers the transpiled angular app, even as a static page, and deliver that as a war – see below.).

Write a report using the following structure:

- **Title Page** containing date, title , your name
- **Introduction** (problem statement, description of the domain)
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    - **2.1 Implementation** (report and comment the most relevant pieces of source code and config files)
    - **2.2 Deployment** (screen shots of your app running, documenting the various steps)
    - **2.3 Comments and notes** (any problems encountered during the project development, any other comment)

Create a zip having your name, containing:

- the deployable project (youname.war)
- the report
- the Angular sources

NOTE:
How to create a war from Intellij:

1. File | Project Structure Ctrl+Shift+Alt+S and click Artifacts.
2. Click Add + and create a Web Application: Archive For 'Web Application:war exploded'
3. Build | Build Artifacts > Web Application: war > Build.