1   SOGETI FRONT-END DEVELOPER ASSESSMENT

This is the Sogeti Front-End developer assessment. The assessment is intended to give us insight in your technical abilities, development approach and general technical working habits. We view your performance on this assessment as indicative of the work you will deliver as a Sogeti Front-End developer.

The assessment can be made privately and is to be later discussed during an interview. We have prepared a "Movie app" case, further described below. Read the case carefully and approach as you would with a regular project. The assignment should be implemented in JavaScript. We expect that you'll need about 5 to 8 hours to prepare for the assessment.
For the assessment discussion, please bring a laptop with a working development environment so that we can look at parts of the application together.

Make sure you prepare yourself to tell something about the following subjects:
the overall approach you took to implement the assignment
the architecture of the solution and the technologies used
your solution for each of the user stories

Good luck with the assignment!

2 ASSIGNMENT: MOVIE APP

A cinema asks Sogeti to create a web application in which information about movies can be easily accessed.
The client does not have any framework or library requirements. The application will be used as an internal, stand-alone application. As such you are free to use a framework or library of your choosing. The application will be accessible for all employees within the clients network, authentication is not required.

2.1 Resource

The information will be based on IMDB data provided by a publicly available OMDB API. Documentation can be found at http://www.omdbapi.com.

2.1.1 Example

GET: http://www.omdbapi.com/?t=bridge+of+spies
Response:

```json
{
  "Title":"Bridge of Spies",
  "Year":"2015",
  "Rated":"PG-13",
  "Released":"16 Oct 2015",
  "Runtime":"142 min",
  "Genre":"Drama, History, Thriller",
  "Director":"Steven Spielberg",
  "Writer":"Matt Charman, Ethan Coen, Joel Coen",
  "Actors":"Mark Rylance, Domenick Lombardozzi, ...",
  "Plot":"During the Cold War, an American lawyer ...",
  "Language":"English, German, Russian",
  "Country":"USA, Germany, India",
  "Awards":"Won 1 Oscar. Another 30 wins & 97 nominations.",
  "Poster":"https://domain.com/example.jpg",
  "Ratings":[{
      "Source":"Internet Movie Database",
      "Value":"7.6/10"
    },{
      "Source":"Rotten Tomatoes",
      "Value":"91%"
    },{
      "Source":"Metacritic",
      "Value":"81/100"
    }],
  "Metascore":"81",
  "imdbRating":"7.6",
  "imdbVotes":"213,475",
  "imdbID":"tt3682448",
  "Type":"movie",
  "DVD":"02 Feb 2016",
  "BoxOffice":"N/A",
  "Production":"Dreamworks Pictures",
  "Website":"http://bridgeofspies.com/",
  "Response":"True"
}
```

2.2 Minimal requirements

1. The application has a menu to navigate between pages.
2. The application has the following pages:
   - Search
   - Featured

2.2.1 Search page

1. The application can search movies by title.
2. A movie search displays the following information on screen:
   - Title
   - Year
   - Rated
   - Released
   - Runtime
   - Genre
   - Director
   - Writer
   - Actors
   - Plot (full)
   - Language
   - Awards
   - Poster
   - List of ratings
   - imdbRating
   - imdbVotes
   - Type

2.2.2 Featured page

1. The application highlights two movies, displaying the following information:
   - Title
   - Year
   - Awards
   - Poster
   - Plot (full)

2.3 Bonus requirements

1. When searching movies plot can be set to either 'full' or 'short'.
2. Read more functionality for full plot after 200 characters.
3. Convert comma separated values (eg. English, German, Russian) to a list.
4. Display genre, writer and actors as a list instead of comma separated.
5. Responsive design