

# BAP

## Belfast App Productions

Belfast App Productions are one of Northern Ireland's leading makers of Mobile Apps. BAP would like to expand their portfolio to include Desktop Apps. BAP plan to release a Desktop App on the Windows platform in Q1, 2022.

BAP would like your company to create a website dashboard to display historical app data from the Microsoft Store. The website should fulfil the following requirements.

- Read data from the Microsoft Store dataset provided by BAP.
- Enable sorting of the dataset by Name, Rating, Number of Ratings, Category, Price.
- The website should be visually appealing as BAP may share the site with clients.

BAP would also like your company's recommendation for the name and category of a new app based on trends within the dataset.

BAP looks forward to the demonstration of your website and app recommendation on 06/07/2021.

During JavaScript / API unit, we are going to create the dashboard using HTML, CSS and Javascript as well as learning about some important concepts and libraries including:

- Importing JSON objects using JavaScript
- Learning how to parse, sort, manipulate and display data on a web application
- Using Chart.js - an open-source data visualisation library used to create interactive charts for web applications.
- How best to make our dashboard UI appealing and responsive when viewed on different screen sizes using CSS3 media queries.

In future weeks of the Microsoft academy, we will expand on this web application by learning how to test our solution using industry standard testing procedures such as unit testing for example. We will also learn the benefits of version control tools such as GitHub as the project scales in the coming weeks.