**Meetup Website (Web)**

**Please complete the following:**

Create an app that displays meetup groups taking place in Gauteng. Users can filter groups by category and select one preferred category.

**Minimum Requirements:**

* The app must consist of at least two screens, a Groups screen and a Settings screen. The Settings screen lets the user specify **one** preferred group category (<https://www.meetup.com/meetup_api/docs/2/categories/>)which must be stored locally (cache). This information will be used and displayed on the second screen.
* The second screen should display a list of meetup groups taking place in Johannesburg (<https://www.meetup.com/meetup_api/docs/find/groups/>). This request must use the preferred category the user specified in the Settings screen (if any), as well as displaying the preferred category (if any) appropriately so that the user knows which categories he/she is filtering by.
* Additionally the user must be able to specify other categories to filter groups by, as one group could have multiple categories.
* The Settings and Groups screens must have their own controllers/javascript files.
* Meetup.com’s API requires authentication to access. You can find how to authenticate your website [here](https://www.meetup.com/meetup_api/auth/). To keep this assessment short we suggest using [API key’s](https://www.meetup.com/meetup_api/auth/#keys).

**Example:**

Fred is a very active guy who lives in Johannesburg. He opens up the website and goes to the Settings screen where he specifies ‘Outdoors’ as his default category, because most meetups he wants to attend are outdoor meetups. When he goes to the Groups screen, before he does his request he specifies ‘Music’ as another category. He then performs his request and sees all Groups in the ‘Music’ and ‘Outdoors’ categories in Johannesburg.

It is up to you to solve this problem using any technology/libraries you want to use. We recommend following good coding principles and architecture. We will be assessing not just your ability to code, but your coding style as well. Please make sure to submit your best attempt at the problem.

**The code submitted should be 100% your own work, and any third-party libraries or copy-and-pasted code should be clearly marked as such.**

Please upload the complete solution to GitHub or Bitbucket and send through a link to the code repository to James Stewart ([jstewart@jhb.dvt.co.za](mailto:jstewart@jhb.dvt.co.za)).