# CurrencyTracker

While adding features to Currency Tracker, I went ahead with the current styling, and focused on the satisfying the 3 core requirements.

## Assumptions

* Username is 3 characters or longer.
* Once visited/collected, the country/currency cannot be unvisited/ uncollected.
* Development can use any Open Source gem, jquery or javascript.
* Add databases as and when needed to support features.

## External Gems used

* Rspec
* Authlogic

## Proposed Improvements

* Complete Rspec coverage
* More test cases
* Ability to add new countries / currencies only for an admin, since the Currency and Country table are common to all users.
* Add an admin level of user.
* Better GUI design (like sorting/pagination).
* Code refactoring. (Especially Rails 3.0 and older vs Rails 3.2 implementations).
* Ability to decide length of graph (no. of days)

## Open Source tools used

* JQuery
* [High Charts](http://www.highcharts.com/): used this for generating the graph

## Notes

* The current implementation stores the each user’s country visit as a single row in a Visit table. As the primary focus was to scale the project upto support the core requirements, the thought was to simplify the database usage.