



## JavaScript Developer - Candidate Assignment

**Note :** *This is for TEST purposes only and will NOT be used by our company. Candidate will retain ownership over the code written for this project.*

Hi there! The Razz team would like to congratulate you on making it this far :)

**Below are the instructions to complete the JavaScript Test:**

Let's prepare a Single Page Application!

### Application Requirements:

- Mongo - Database
- Node - JavaScript Backend
- Vue - JavaScript Frontend

### Description of App:

Create a single page web app using Node and Mongo with Vue. You will need to host your project as a Heroku app. The app should list prizes and allow the prize to be clicked to view the prize details page, reference the mockup for user flow. All images and copy in the mockup are placeholder.

**JavaScript Test Mockup:** [https://invis.io/67C5SF6SG#/238906340\\_Prizes-Rewards-Dev-Test](https://invis.io/67C5SF6SG#/238906340_Prizes-Rewards-Dev-Test)

**Source PSD:** <https://www.dropbox.com/s/38jlgru09xwa0az/Rewards-Dev-Test%402x.psd?dl=0>

Each prize document should contain the following keys (they can have more keys if you'd like):

```
Prize: {  
  name: String,  
  description: String  
  image_url: String,  
  quantity: Number,  
}
```

When the user clicks “yes” to redeem an item, the system should show a confirmation lightbox and perform the redemption. Once redeemed, the quantity should decrease by 1. The system can't allow a prize to reach quantity < 0.

### Pages Included:

- Index (list the prizes, name and image)
- Prize-detail (detail of each item, name, image, description and quantity)
- Lightbox confirming redemption of prize

### Bonus Features:

- Implement a user registration system so only logged-in users can redeem the prizes.
- Support multiple users purchasing the same item at the same time (concurrency.)

Thank you & Good luck!