# Plan

**Requirements:**

* The user should be able to create an offer.
* The user should be able to remove an offer.
* An offer should expire after a given time limit expires.

**Test:**

1. Create offer and submit, use a small time limit for now.
2. Search for the offer and make sure all details match what was entered and are correct.
3. Watch as the time for the offer decreases and the offer expires.
4. Create a new offer and submit, any time length will do.
5. Repeat step 2.
6. Select the offer and cancel it.
7. Verify that the offer is no longer active.

**Product details design:**

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| **Detail** | **Type** | **Description** |
| Name | String | The name of the offer. |
| Original price | Double | The originally price of the product |
| Discount | Integer | The discount percentage. |
| Description | String | A description of the offer available. |
| Time length | Integer | The length of time the offer is active for in seconds |
| Active | Boolean | Whether the offer is active or not. |