

## Assignment for PHP Developer

**Assignment Time:** 1 week

**Submission Deadline:** 07/07/2020

**Submission medium:** Any standard web hosting site. Upon deployment, you need to share the URL (and credentials if required)

**Task Description:** Your task is to design and develop a website based on following functional requirements.

Requirement#	Functional Description
FR#1	<p>Design and develop a modern, responsive web application for searching and reserving mobile numbers. Users should be able to perform following actions:</p> <ul style="list-style-type: none"><li>• Search number of different category</li><li>• Select a number from the search result and reserve it</li></ul> <p>There are different number types, number categories which subscriber can search and then reserve it for X hours where X is variable for each category.</p> <p>You can refer to the template in Annex-1 as reference and improvise with your own imagination.</p> <p>The portal must support 3 languages (Azeri/English/Russian) which can be chosen by customer on the portal.</p> <p>For reference commercial implementation, you can refer to (<a href="https://nomre.bakcell.com">https://nomre.bakcell.com</a>, <a href="http://cinim.az/">http://cinim.az/</a>, <a href="http://narim.az/">http://narim.az/</a> etc. websites)</p>
FR#2	<p>When a customer opens the page, first 10 numbers from each type should be displayed. The webpage would query a backed REST API to search numbers and receives the numbers based on input criteria. For each type, there should be separate paging which will display next 10 numbers for that category without loading the full page – only the respective section would be reloaded based on API output.</p>
FR#3	<p>You need to develop the backend REST API as well which will return the information to front end. For simplicity of implementation, you can store the numbers in a XML configuration file and REST API would return the numbers from the configuration file to frontend portal to display to customer.</p>
FR#4	<p>When any customer selects a number, system asks for his/her contact number and sends the reservation code to the provided contact number by SMS (you can use Annex-2 as a reference) but you don't need to send SMS, just display it on the GUI as a pop-up notification.</p>

FR#5

There should be a backend configuration functionality through which it should be possible to configure the available number types, number ranges, page banner/header/footer information During page loading, all necessary information and configuration should be fetched from backend configuration database (could be simple text/xml based configuration file, database).

For the simplicity of your implementation, you can implement only the following information to be loaded from the configuration file:

Number Prefix: 99/55

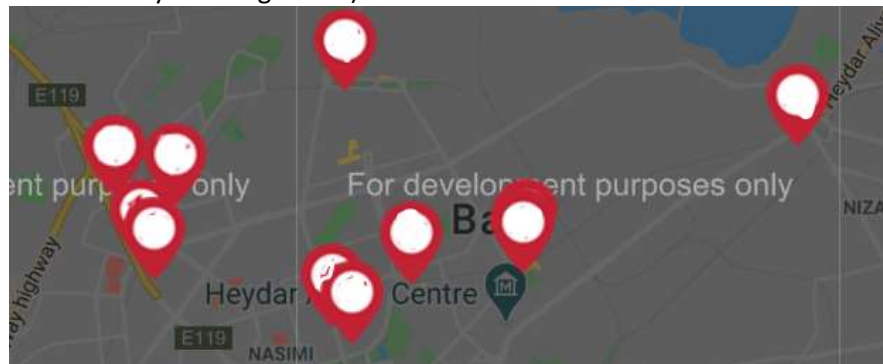
Number Category: Simple/Bronze/Silver/Gold/Platinum/Sapphire etc. – in all 3 languages (Azeri/Russian/English)

**Reserve your number**



The form contains two dropdown menus labeled 'Prefix' and 'Category', both with yellow backgrounds. To the right is a text input field containing 'XXX'. Below these are two red buttons: 'Search' with a magnifying glass icon and 'Reset' with a shield icon.

1. Seller locations to be displayed on the map (you can use only 3/4 sellers' location for your assignment)



2. Tooltip information for each category numbers
3. SMS Text in 3 languages which will be sent to subscriber.

## Annex – 1: Reference Design

# Reserve your number

Prefix 

Category 

XXX

Search 

Reset 

XX AZN

### Simple Category

The simple category number can be activated with only the selected package tariffs, which has monthly subscription fee. For more details about the tariffs please visit [here](#)

XXX XX XX	XXX XX XX	XXX XX XX	XXX XX XX
XXX XX XX	XXX XX XX	XXX XX XX	XXX XX XX

XX AZN

### Bronze Category

The price includes 3 monthly fees of Klass XXL (link to Klass XXL tariff)

XXX XX XX	XXX XX XX	XXX XX XX	XXX XX XX
XXX XX XX	XXX XX XX	XXX XX XX	XXX XX XX

XX AZN

### Silver Category

The price includes 3 monthly fees of Klass XXL (link to Klass XXL tariff)

XXX XX XX	XXX XX XX	XXX XX XX	XXX XX XX
XXX XX XX	XXX XX XX	XXX XX XX	XXX XX XX

XX AZN

### Gold Category

The price includes 6 monthly fees of Klass XXL (link to Klass XXL tariff)

XXX XX XX	XXX XX XX	XXX XX XX	XXX XX XX
XXX XX XX	XXX XX XX	XXX XX XX	XXX XX XX

XX AZN

### Platinum Category

The price includes 12 monthly fees of Klass XXL (link to Klass XXL tariff)

XXX XX XX	XXX XX XX	XXX XX XX	XXX XX XX
XXX XX XX	XXX XX XX	XXX XX XX	XXX XX XX

XX AZN

### Sapphire Category

The price includes 24 monthly fees of Klass XXL (link to Klass XXL tariff)

XXX XX XX	XXX XX XX	XXX XX XX	XXX XX XX
XXX XX XX	XXX XX XX	XXX XX XX	XXX XX XX

## Annex-2: Reservation Page

# Almost ready

Category of number

Starting from X AZN

XX XXX XX XX

The reservation will be active for 1 hour.  
After successfully reserving the number,  
please approach to any dealer store or front office of  
Bakcell with the reservation code to get your number.

Box to dial number to get reservation code

Reserve

Cancel