

The Great Bug Hunt

Bug hunting worksheet

About The Application

You can access the application at <http://arachne.no-ip.info/>. Be sure to click the instance you were assigned!

The requirements of Arachne are as follows:

- Arachne **must** allow users to purchase products
- It **must** allow admins to add, remove, and edit product images and text
- For testing ,the admin username has been set to “admin”, and the password to “password”
- It should showcase up to three products on the home page for promotional reasons
- It should accept Visa, Mastercard, American Express, and Discover cards (see next page)
- It should be easy to use and nice to look at

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There are approximately 20 lines visible. The paper has a slight shadow on the right side, suggesting it's resting on a surface.

Test Data

Credit card rules:

- All valid VISA credit cards start with a 4 and are either 13 or 16 digits long
 - Valid: 422222222222
 - Valid: 4111111111111111
 - Invalid: 6111111111111111
 - Invalid: 411
- All valid Mastercards begin with a 5. The second digit is a 1, 2, 3, 4, or 5. They are 16 digits long.
 - Valid: 5555555555554444
 - Valid: 5105105105105100
 - Invalid: 511
 - Invalid: 5999999999999999
- All valid Discover cards begin with a 6. They begin with either 6011 or 65. They are 16 digits long.
 - Valid: 6011111111111117
 - Valid: 6511111111111119
 - Invalid: 6511
 - Invalid: 6611111111111119
- All valid American Express cards begin with a 34 or a 37. They are 15 digits long.
 - Valid: 378282246310005
 - Valid: 341449635398431
 - Invalid: 377
 - Invalid: 391449635398431
- For all card types:
 - Expiration dates must be in the future.
 - CVV code must be provided (3 or 4 digits)
 - Billing address must be in the US