**BLACK BOX TESTING**

Kita akan menguji sistem menggunakan black box testing dengan teknik boundary value analysis (BVA) dan menggunakan tabel kebenaran.

1. **Boundary Value Analysis (BVA).**
2. Tabel Login

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Nama Kolom** | **Invalid** | **Valid** | **Invalid** | **Valid** |
| Username | 0 Character | 1 Character | 11 Character | 10 Character |
| Password | 0 Character | 1 Character | 21 Character | 20 Character |

1. Tabel Detil Pemesanan

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Nama Kolom** | **Invalid** | **Valid** | **Invalid** | **Valid** |
| Id\_detil\_pemesanan | 0 Character | 1 Character | 50 Character | 49 |
| Id\_pemesanan | 0 Character | 1 Character | 50 Character | 49 Character |
| Id\_hidangan | 0 Character | 1 Character | 25 Chracter | 24 Character |
| Jumlah\_hidangan | 0 Character | 1 Character | 21 Character | 20 Character |
| Total\_harga\_hidangan | 0 Character | 1 Character | 30 Character | 29 Character |
| Pesan | 0 Character | 1 Character | 259 Character | 258 Character |

1. Tabel Hidangan

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Nama Kolom** | **Invalid** | **Valid** | **Invalid** | **Valid** |
| Id\_hidangan | 0 Character | 1 Character | 20 Character | 19 Character |
| Nama\_hidangan | 0 Character | 1 Character | 80 Character | 79 Character |
| Jenis\_hidangan | 0 Character | 1 Character | 30 Character | 29 Character |
| Harga\_hidangan | 0 Character | 1 Character | 14 Character | 13 Character |
| Foto\_hidangan | 0 Character | 1 Character | 279 Character | 278 Character |

1. Tabel Pegawai

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Nama Kolom** | **Invalid** | **Valid** | **Invalid** | **Valid** |
| Id\_pegawai | 0 Character | 1 Character | 21 Character | 20 Character |
| Nama\_pegawai | 0 Character | 1 Character | 50 Character | 49 Character |
| Email\_pegawai | 0 Character | 1 Character | 50 Character | 49 Character |
| Username\_pegawai | 0 Character | 1 Character | 40 Character | 39 Character |

1. Tabel Pelanggan

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Nama Kolom** | **Invalid** | **Valid** | **Invalid** | **Valid** |
| Id\_pelanggan | 0 Character | 1 Character | 21 Character | 20 Character |
| Nama\_pelanggan | 0 Character | 1 Character | 51 Character | 50 Character |
| Email\_pelanggan | 0 Character | 1 Character | 15 Character | 14 Character |
| Username\_pelanggan | 0 Character | 1 Character | 40 Character | 39 Character |
| Password\_pelanggan | 0 Character | 1 Character | 15 Character | 14 Character |

1. Tabel Pemesanan

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Nama Kolom** | **Invalid** | **Valid** | **Invalid** | **Valid** |
| Id\_pemesanan | 0 Character | 1 Character | 21 Character | 20 Character |
| Id\_restoran | 0 Character | 1 Character | 21 Character | 20 Character |
| Id\_pelanggan | 0 Character | 1 Character | 21 Character | 20 Character |
| Id\_pegawai | 0 Character | 1 Character | 21 Character | 20 Character |
| Total\_pemesaan | 0 Character | 1 Character | 30 Character | 29 Character |
| Status\_pemesanan | 0 Character | 1 Character | 25 Character | 24 Character |

1. **Tabel Kebenaran**
2. Form login

|  |  |  |
| --- | --- | --- |
| **username** | **Password** | **Action** |
| Blank | Blank | No |
| Blank | True | No |
| Blank | False | No |
| False | True | No |
| False | False | No |
| False | True | No |
| True | False | No |
| True | Blank | No |
| True | True | Success |

User akan berhasil login apabila username dan password bernilai benar (true).

1. Form Tambah Hidangan

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Nama** | **Jenis** | **Harga** | **Foto** | **Action** |
| Blank | Blank | Blank | Blank | No |
| Blank | False | False | False | No |
| Blank | True | True | True | No |
| True | True | True | True | Success |
| True | False | False | False | No |
| True | Blank | Blank | Blank | No |
| False | True | True | True | No |
| False | False | False | False | No |
| False | Blank | Blank | Blank | No |
| Blank | Blank | Blank | True | No |
| Blank | Blank | Blank | False | No |

Tambah berita akan berhasil apabila kolom judul,isi,kategori dan foto bernilai benar (true) selain itu akan gagal.

1. Form tambah pemesanan

|  |  |  |  |
| --- | --- | --- | --- |
| **Nama** | **Makanan** | **Pesan** | **Action** |
| Blank | Blank | Blank | No |
| Blank | False | False | No |
| Blank | True | True | No |
| Blank | True | False | No |
| Blank | False | True | No |
| False | Blank | Blank | No |
| False | Blank | False | No |
| False | Blank | True | No |
| False | False | False | No |
| False | True | False | No |
| False | False | False | No |
| False | True | True | No |
| True | Blank | Blank | No |
| True | Blank | False | No |
| True | Blank | True | No |
| True | False | False | No |
| True | False | True | No |
| True | False | Blank | No |
| True | True | True | Success |

Form tambah komentar akan berhasil jika kolom nama,email dan pesan bernilai benar(true) selain itu gagal.