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# Bugspad2 Documentation

*Release 0.1*

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## Installation

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### 1.1 Requirements

- flask
- flask-admin
- sqlalchemy
- python-redis
- redis
- albemic

### 1.2 Setting up a devel instance

### 1.3 Start the redis server

```
# service redis start
```

### 1.4 Database creation

```
$ python createdb.py
```

The above command will create the database schema as required.

### 1.5 Start the server

```
$ python runserver.py
```

### 1.6 Create the first user and test data

Modify testdata.py file for your username, email and password.

You need to download `comps.json` for the components.

Then run the file as:

```
$ python testdata.py
```

This will add a user and a product and test components for the product.



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### Design notes

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We are using redis to store all search related indexes on memory. This means any search term must be indexed in redis.

#### 2.1 View a bug

Only comments will come from db, rest should be coming from redis.



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## Indices and tables

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- *genindex*
- *modindex*
- *search*