

## Design Decisions

### **Ubuntu 18.04LTS:**

- Long term support
- Free
- Support community
- Secure with updates
- Good Reliability
- Backup software

### **Laravel:**

- Popular, large support community
- Free
- Supported with updates
- Secure built in for controlling user access and database access
- Testing built in

### **Browser support:**

- Compatibility with Chrome and Firefox, because of accessibility and standards
- Desktop only, the system will not need to support mobile devices

### **mySQL:**

- Free
- Large support community
- Updates
- Works well with Laravel and Ubuntu
- Supports Locks