**CATEGORIZING THE PRODUCT MODULES**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Module** | **Testing** | | **Integration** | | | |
| **Automated testing** | **Manual testing** | **Big**  **bang** | **Incremental** | | |
| **Top-Down Integration** | **Bottom -up integration** | **Sand**  **wich Integration** |
| **Product Suggestions** | ✓ |  |  |  | ✓ |  |
| **Permanent Buying of models** | ✓ |  | ✓ |  |  |  |
| **Update/deletion/addition** | ✓ | ✓ |  |  |  | ✓ |
| **Upgrading a product** | ✓ | ✓ |  | ✓ |  |  |
| **Sorting &filtering** | ✓ |  |  |  |  | ✓ |
| **Bulk ordering** | ✓ |  |  |  | ✓ |  |
| **Premium Membership** | ✓ |  |  | ✓ |  |  |
| **Reminder Message** | ✓ |  |  | ✓ |  |  |
| **Security Deposit** |  | ✓ |  | ✓ |  |  |
| **Product notifications** | ✓ |  |  | ✓ |  |  |
| **Renewal** | ✓ |  |  | ✓ |  |  |

**Product Suggestions**-Automated Testing (Bottom to top integration)

**Permanent Buying of models**- Automated Testing (Big Bang integration)

**Update/deletion/addition**- Automated & Manual Testing (Sandwich integration)

**Upgrading a product**- Automated & Manual Testing (top-down integration)

**Sorting &filtering** – Automated Testing(Sandwich integration)

**Bulk ordering** - Automated Testing(Bottom to top integration)

**Premium Membership**- Automated Testing (top-down integration)

**Reminder Message**- Automated Testing(top-down integration)

**Security Deposit**-Manual Testing(top-down integration)

**Product notifications**- Automated Testing(top-down integration)

**Renewal**- Automated Testing(top-down integration)