

1 Introduction

This document provides a high level overview and explains the architecture of Grocery Bot. This software is designed to be a lightweight inventory management software project that will allow users to keep track of what they have in thier home and have automatic ordering software that will(with confirmation) automatically check multiple grocery services and order the best priced option.

1.1 Purpose

This Software Architecture Document(SAD) provides an overview of Grocery Bot using the “4+1” model view.

1.2 Scope

This document describes the various aspects of Grocery Bot that are deemed architecturally significant. Note that I am not well versed in web design and I am one mere mortal, there will likely be many mistakes in this document.

1.3 Definitions, Acronyms, and Abbreviations

- Home: A place that contains an isolated grocery inventory.

2 Use Case View

The usecase can be seen in Figure 1

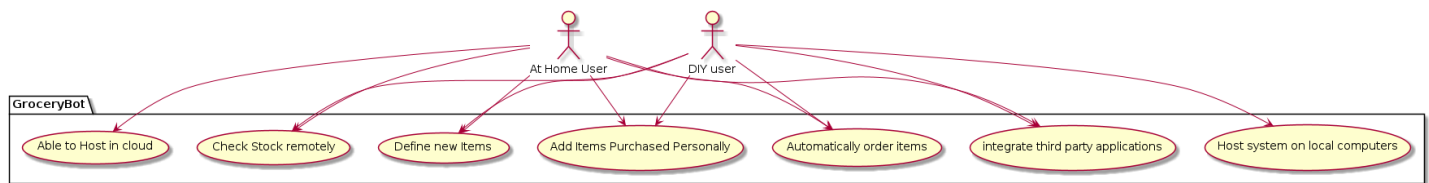


Figure 1: GroceryBot Use Case View

3 Logical View

4 Process View

5 Data View

6 Deployment View

7 Sieze and Performance

8 Issues and Concerns