Technology Brief v2.5

*Freddy’s Fast Food*

*Objective*

I will be creating an ordering system for “Freddy’s Fast Food” my ordering system will be used to take in and record orders over the phone. I will have to take in console input from the phone operator such as Name, Phone number, Address along with other options such as delivery.

*Technology*

Python

*Requirements*

My ordering system will need to be able to add, remove, view and create orders. The data for these orders must be validated and checked. It must be able to display the available fish for order along with extra items such as chips it almost must provide these in an indexed format. It also needs to be able to give the user choices such as being able to have the order delivered or frozen. I will also need to provide calculations for the price along with GST and discounts. The ordering system also needs to be easy to tweak and add/remove types of fish or change their price.

*Data*

I have been provided the following fish types to use in the ordering system

The fish are split into different categories and are prices based on those

**Cheap** $4.10

* Shark
* Flounder
* Cod
* Gurnet
* Blue Moki
* Arrow Squid

**Delux** $7.20 each

* Snapper
* Pink Salmon
* Tuna
* Smoked Marlin
* Kingfish
* Trevally

*Implications*

**Sustainability and Future Proofing** - The entire menu and all of its sections will be stored inside a dictionary so they can be easily modified and extended and all of the variability in the program such as GST amount, Delivery costs, The maximum amount of an item that can be ordered, discounts etc.

**Privacy** - Any data entered into the program is only temporarily stored and is removed once the order is completed so there is no

**Usability** - The program interface is very easy to get used to and explains itself with each prompt so it should be relatively easy to learn for employees