Contents

[Introduction 1](#_Toc86167684)

[Testing Integration 1](#_Toc86167685)

[Agile Model 1](#_Toc86167686)

[V Model 1](#_Toc86167687)

[Rad Model 1](#_Toc86167688)

[Customer Involvement 1](#_Toc86167689)

[Agile Model 1](#_Toc86167690)

[Iterative Model 1](#_Toc86167691)

[Spiral Model 1](#_Toc86167692)

[Nature of The Processes Steps 1](#_Toc86167693)

[Waterfall Model 1](#_Toc86167694)

[V Model 1](#_Toc86167695)

[Big Bang 1](#_Toc86167696)

[Ability to Handle Change 1](#_Toc86167697)

[Software Prototyping 1](#_Toc86167698)

[Agile Model 1](#_Toc86167699)

[Waterfall Model 1](#_Toc86167700)

[Conclusion 1](#_Toc86167701)

# Introduction

When creating products in the software industry, teams employ various Software Development Life Cycles (SDLC) to produce high quality pieces of software. Each version of a SDLC has their own nuances and differences between them. It is up to the team to use and employ the most suitable SDLC for their respective product. In this essay I will compare and contrast the characteristics of the following SDLCs; Waterfall Model, Iterative Model, Spiral Model, V-Model, Big Bang Model, RAD Model and the Software Prototype Model. The characteristics that I will discuss are the testing integration, customer involvement, nature of the processes steps and the ability to handle change.

# Testing Integration

Testing is a crucial part of the development of a product in the software industry. Testing will allow for errors, gaps or missing requirements to be found. If a process integrates testing into it’s lifecycle it will be able to produce a product of greater quality than those that do not.

In the waterfall model, testing is integrated after the implementation stage and before the deployment stage. In this stage all the units developed during the implementation phase are tested thoroughly before deployment. the v-model varies slightly as it is an extension of the waterfall model and is based on the association of a testing phase for each corresponding development stage

# Customer Involvement

# Nature of The Processes Steps

# Ability to Handle Change

# Conclusion