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| System Design Document  Introduction and Purpose | 04/26/22  *Adrian Paul Reyes, Anthony Smith, John Lisella* |

Introduction (J.L.)

This document is to describe Nexus on a System level, to show further interactions between the members, the system, interface and data. We will accomplish this by showing diagrams of various parts of how the system works. Our Class Diagrams will show attributes and methods and how they interact with each other to accomplish tasks. A Statechart Diagram will show how our system changes from one state to another, and the First Cut Domain Sequence Diagrams will further explain elements from our Sequence Diagram using objects created in our system. By showing these in-depth, we want to give you a better understanding of the how and why our System is designed the way it is. Aside from the experience of being able to actually use this app, these descriptions and diagrams will give good insight into the design of our system and why we made it the way that it is.

***Class Diagrams (A.P.R.)***

***StateChart Diagrams (A.S.)***

***First Cut Domain Sequence Diagrams (A.S.)***