**Personal Learning and Development Plan**

**Objective: To foster critical thinking, self-awareness, and goal setting while initiating technical skill development.**

**Reflection**

The two beliefs/habits/patterns I think can be impediments to my learning and growth are

* *Habit of making assumptions* – I have a tendency of assuming things believing they are common knowledge and fill the blanks with those assumptions but in reality, especially as a developer, it is extremely important to clarify those assumptions even at the risk of sounding unintelligent because clarifying the requirements and having a clear picture what needs to be built is the foundation stone of being a good developer. I would like to get out of the habit of assuming things and asking those questions to fill in the blanks
* *Fear of making mistakes* – I need to overcome the fear of making mistakes as being a developer it is imperative that we do lots of experimentations which means lots of mistakes, however, instead of trying to get things right in the first go I need to learn that the incremental improvements are important and that’s the way to go about it in tech world. In fact, that’s why the whole Agile methodology came about.

**Goals**

I would like to develop the ability of being able to build a simple (for e.g. a simple calculator able to add, subtract, multiply and divide) web based app over the next month. Moving forward, I would like to add more functionality to it like calculating factorials, squares, square roots, logs etc. and eventually be able to convert it into a tool which can simply take probability distribution functions as input from the user and perform stochastic modeling.

* Mild – Simple calculator
* Medium – Scientific calculator
* Spicy – Stochastic modeling tool

GitHub Link: https://github.com/imamkamran/InceptionU