**3.SYSTEM REQUIREMENTS**

# 3.1 INTRODUCTION:

System analysis is first stage according to system development life cycle model.This system analysis is a process that starts with analyst. Analysis is a detailed study of the various operations performed by a system and their relationships within and outside of a system . One aspect of analysis is defining the boundaries of the system and determining whether or not a candidate system should consider other related systems. During analysis, data are collected for available files , decision points , and transactions handled by the present system.Logical system models and tools that are used in analysis . Training ,experience , and common sense are required for collection of information needed for analysis.

**H/W System Configuration: -**

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| * Alexa | * Alexa enabled Echo devices or Android or iOS |

**S/W System Configuration: -**

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| * Operating System | * Android, Linux, Windows, |
| * Front End | * Alexa |
| * Hosting Server | * AWS lambda |
| * Back End | * Python, |
| * Server Framework | * Flask |
| * Database | * Cloud Firestore by Firebase |
| * Language | * Python 3.6 (little bit old <3) |
| * Scripting Language * Tunneling Software | * Json * Ngrok |