**4.0 Functional Model and Description**

**Description of major software functions along with UML Use Case, sequence, and communication diagrams.**

**4.1 Function Descriptions - A detailed description of each software function**

**4.1.1 (UC1) ApplicantSignUp**

**4.1.2 Actors- Entities that produce or consume the information associated with the function.**

**4.1.2.1 Microsoft Azure DB Service,**

**4.1.2.2 Persons(Job Seekers/Recruiters)**

**4.1.3 Preconditions - User account has not yet been created**

**4.1.4 Triggers – Application has started and detected that no profile has been associated with the application**

**4.1.5 Scenario Description – Use has downloaded/installed the application and is attempting a first time usage.**

**4.1.6 Post Conditions – user will no longer need to sign-in to application for use.**

**4.1.6 Exceptions - Describes how to the system should respond to unusual circumstances.**

**4.3 Use Case Diagrams**

**The control flow for the system is presented with reference to Section 5.0 of this document.**