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**RV UNIVERSITY**

**Diabetes detection using Machine Learning algorithms**

**Software Requirements Specification**

**Version 1.0**

**07-06-2023**

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**Document Identification**

| Project Name | Diabetes detection using Machine Learning algorithms |
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**Document Revision History**

| **Version** | **Date** | **Description** | **Document owner / Modified by** |
| --- | --- | --- | --- |
| 1.0 | 07-06-2023 | Document created | K Akanksha Raju |

**1.INTRODUCTION**

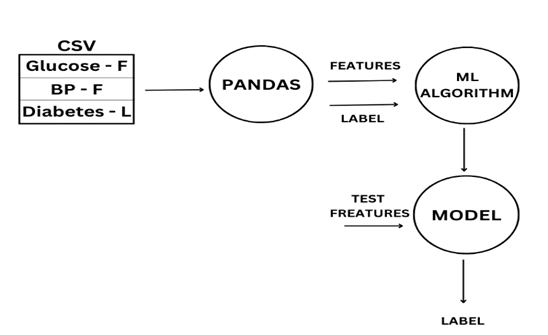
**DOCUMENT PURPOSE**: TO DETECT IF THE PERSON IS SUFFERING FROM DIABETES USING GLUCOSE AND BLOOD PRESSURE AS FEATURES AND DIABETES AS LABEL.

**PRODUCT SCOPE:** HELPS TO CHECK IF A PERSON HAS DIABETICS

INTENDED AUDIENCE: DEVELOPER, TESTER

**2.OVERALL DESCRIPTION**

**PRODUCT OVERVIEW:**



**PRODUCT FUNCTIONALITY:**

R1: Download data in CSV format

R2: Using pandas extract features and label from CSV file

R3: Build ML Model using ML Algorithm

R4: Predict using the test cases

**3.FUNCTIONAL REQUIREMENTS**

Download data in CSV format

Using pandas extract features and label from CSV file

Build ML Model using ML Algorithm

Predict using the test cases

**4.OTHER REQUIREMENTS** N/A