**Functional Specification**

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* It shall be possible to store the patient information in database permanently using save button [[ref 1].](#_top)
* It shall be possible to retrieve the patient information from database whenever required using load button [ref 1]
* The dialog has to be displayed as mentioned in the **Figure 1**
* It shall be possible to minimize the patient explorer dialog by clicking on **–** button which is displayed on the top right corner
* It shall be possible to close the patient explorer dialog by clicking on **X** button which is displayed on the top right corner

**UID:**

1. Each patient is assigned with unique id
2. UID shall contain only numbers
3. The maximum number of digits allowed is 9999999999
4. UID shall not contain 0
5. UID shall not contain negative values

**Name:**

1. Name shall not contain special characters
2. Name shall not contain numbers
3. Length of the name shall not more than 50 characters

**DOB:**

1. Date of birth format shall be in dd/mm/yyyy
2. Date of birth shall not be less than 1866
3. Date of birth shall not be greater than today
4. Date of birth

**Age:**

1. Age shall accept only numbers
2. Age shall not be given in months
3. Age shall not be more than 150
4. Age shall not accept negative numbers

**Sex:**

1. Sex shall accept only either one of the following Male or Female or Other

**Height:**

1. Height shall accept only in following format Feet’ Inches
2. Feet shall be between 0 and 9
3. Inches shall be between 0 and 12

**Weight:**

1. Weight shall accept only numbers
2. Weight shall not accept negative numbers
3. Weight shall not accept more than 300kgs

**Birthday:**

1. Birthday shall be calculated based on the provided date

**Address:**

1. Address shall be accepted characters, numbers and any of the following characters like #, ., @

2. Address should not accept only numbers

**Aadhaar No:**

1. Aadhaar number shall accept only numbers

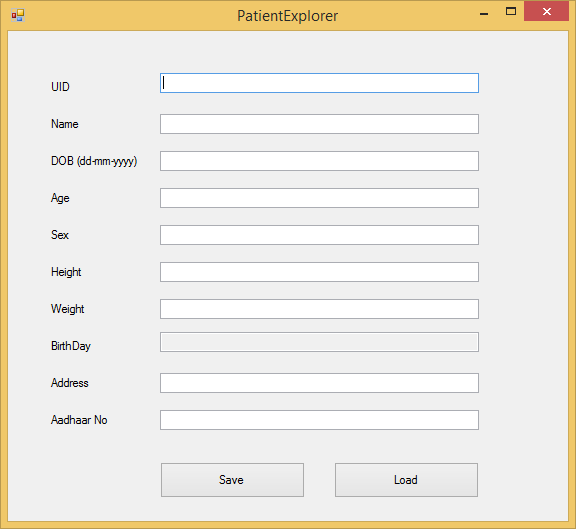


Figure 1