**Case study**

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**4. Functional requirement**

**4.1 user Class 1 the user**

**4.1.1 Functional requirement 1.1**

**Title**: Administrative reporting

**Description**: The system generates monthly management reports

showing the number of patients treated at each clinic.

**4.1.2**

**Title** : Individual care management

**Description** : Clinicians can create records for patients, edit the information in the system, view patient history

**4.1.3**

**Title** : Patient monitoring

**Description** : The system regularly monitors the records of patients that are

involved in treatment and issues warnings if possible, problems are detected.

**4.1.4**

**Title:** data summarizing.

**Description:** system shall summaries data for users.

1. key problems.
2. treatments that have been prescribed.

**4.1.5**

**Title:** record information.

**Description:** System shall allow users to record information.

1. Name
2. Address
3. Age
4. Next of kin
5. Date of visit
6. Doctor seen.
7. Subjective impressions of the patient
8. conditions and treatments

**4.1.6**

**Title:** generate reports.

**Description:** System shall allow to generate regular intervals reports.

1. individual patients’ information
2. conditions
3. costs of treatment

**5.Non-Functional requirement**

5.1 **Reliability**

System should fail when disconnected from a network.

**5.2** **Availability**

The site will be in service 24/7 (available when needed).

**5.3** **Maintainability**

System should have multiple copies of the data to be maintained.

**5.4 security**

It allows to keep copies of all the data if anything happened to the online server.( When the local systems have secure network access it allows to download patient records)