A healthcare center is looking to develop a state of patient portfolio management

system which is able to track their patients’ medical history. This system is to facilitate

the center to retrieve, update, and report the patient information efficiently, in turn

helping the doctors make timely, effective diagnoses. At the same time, the center can

utilize this system to monitor their medical and financial management.

Healthcare management system is a database management system (DBMS),

which is based on computer networks, using the advanced database technology to

construct, maintain, and manipulate various kinds of data in a database system (DBS).

The DBMS can track and update all the information of recorded patients in the healthcare

center during a particular time span. The major advantages of the DBMS are easy to

retrieve and update information, efficient data sharing and communication, and reliable

backup and security.