



MY MEDICAL MEMORY



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1.0 Business Scenario and Scope

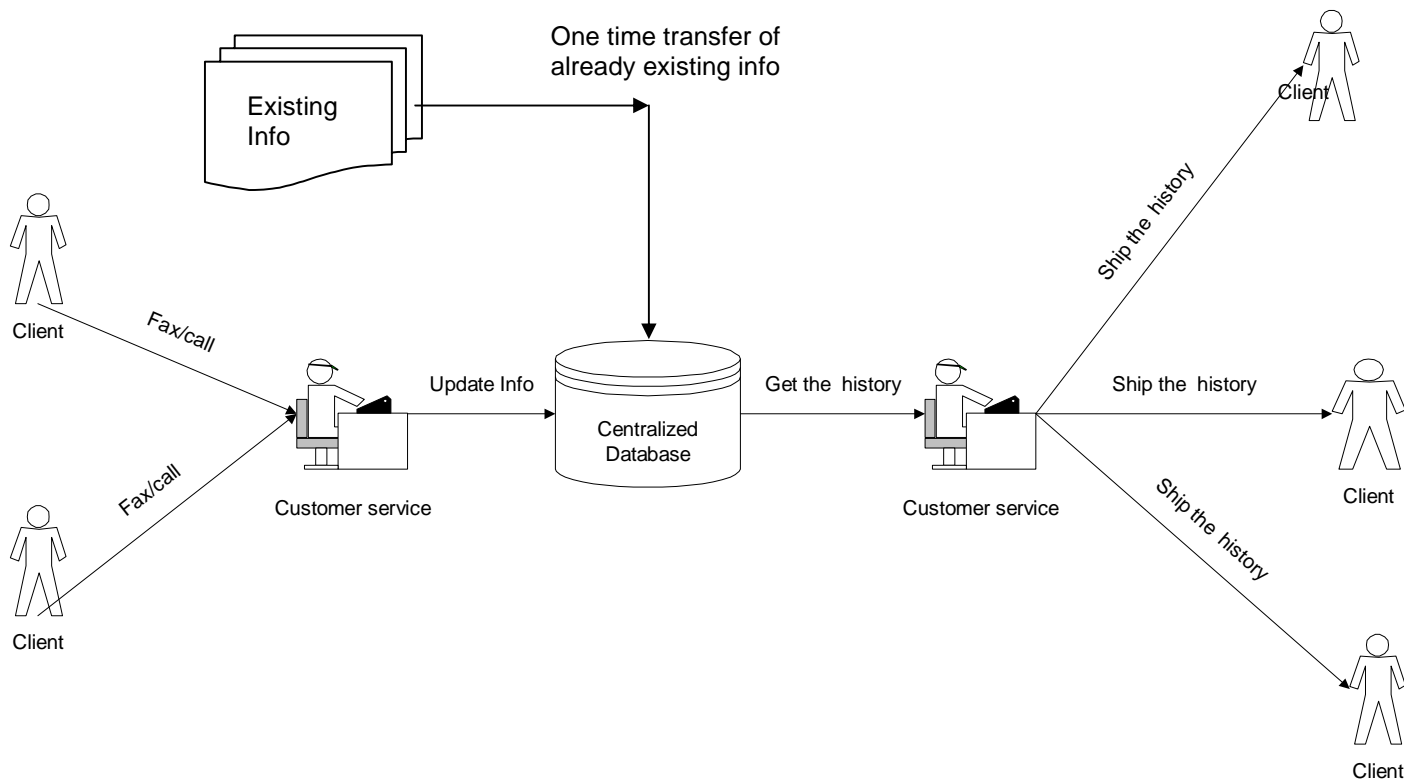
A person can have his medical records readily available. As a part of phase 1 following functionality is in scope -

- Develop a centralized database storing the medical information.
- Develop a process to upload the medical information in database/file system
- Develop a process to transfer the medical information to the memory sticks / zip drives
- Develop a process to easily access the information on the zip drives.
- Payment modules if required

2.0 Business Process Flow highlights

MMM (MyMedicalMemory) will initially do a one time transfer of existing files into centralized database for the clients who register. After that information will be updated on a regular basis. Process of updating the information is explained in the steps below -

- Customer calls MMM (MyMedicalMemory) customer service and provides the information to be updated.
- MMM representative receives documents/info and up loads them into centralized database. Information is either data fields or scanned documents.
- Customer services representative gets the information of the respective client from centralized database upon request and ships it to them.
- Client can update the information in their zip drives with the help of update functionality.



3.0 Use cases

3.1 Update the existing info on papers in the centralized db (one time)

3.1.1 Register the clients

- To upload the data of new clients they first need to be registered.
- A customer id will be provided to the registered clients. This customer id will be used for all the future transactions.
- Important information will be captured from the clients
- Can clients register online?

3.1.2 Upload the client info and the scanned documents

- Clients information which is already available will be uploaded via the upload functionality provided.
- Once uploaded a verification message will be sent to the approver. Till the information is approved it cant be sent to the clients

3.1.3 Verify and approve the information

- Authorized Approver can view the information of a Client and verify against the documents.
- Approver approves.

3.2 Update the client info in the centralized database on a regular basis

3.2.1 Collect the information and verify it

- Authorized representative collects the info from client verbally/fax/scanned documents and updates them in the database

3.2.2 Upload the client info and the scanned documents

- Clients information which is collected will be uploaded via the upload functionality provided.
- Once uploaded a verification message will be sent to the approver. Till the information is approved it cant be sent to the clients

3.2.3 Verify and approve the information

- Authorized Approver can view the information of a Client and verify against the documents.
- Approver approves.

3.3 Extract the history of the client and write it to a disk

3.3.1 Extract the information of a client

- Upon request authorized representative can extract info of the client.
- Should client be able to order this online? That will require an online payment system.

3.3.2 Write it in a read only format to a disk

- Clients information which is extracted will be written to a disk and will be password protected.
- Password should be sent in a separate mail for security.

3.3.3 Ship the info and bill the client

- Ship the disk and bill the client.

3.4 Update history (Client side)

3.4.1 Client will use the disk to update the info

- Client can run a update program on the disk to update the zip drive. Client will have to use the password associated with the disk.

3.5 View history

3.5.1 Client and doctors will view the information.

- Client and doctors can run the view program on the disk to look at the medical history.

4.0 Functional Modules

To be completed once the requirements are finalized. This section will cover the design and functionality in details. This section will be used to estimate time and cost of software.

5.0 Initial challenges

1. **Gathering and finalizing the data fields for the centralized database** – Design and structure of database will be determined based on the data which has to be captured. It is critical to finalize the data requirements before hand
2. **Finalize the presentation layer for representatives as well as the doctors**
3. **Finalize the scope**
4. **Identifying the communication channel** - It is important that communication in the team is fast paced and accurate
5. **Identifying the cost and time associated**

6.0 Issues and questions-

1. In what forms information will be stored – Images/Data fields/ Data files?
2. Will you need to search on the clients data? An example will be really helpful. As a doctor you will like to find the information quickly and not go through all the unnecessary stuff. So we need to determine how to structure the information so that it is easily accessible.
3. As a doctor (who is looking at the info) – can you explain what exactly you will be looking for in the first place? Will a small training to the users be possible?
4. As a doctor can you explain the information you will be looking for in the zip drive and how you will like it to be structured? Some screen shots will be really helpful?
5. How much data a client can have and how many clients we are expecting in short/long term?
6. In phase1 what all information we are looking to collect?
7. Are the doctors normally good at using software of this kind?
8. Will multiple representatives be uploading data in the centralized database at one time?
9. How many people might be accessing centralized database at one time?
10. How are we planning to bill the customer?
11. We will need to backup the centralized database on a regular basis. This database is core of the business so a back up functionality is a must. How often we will need to back up the database?
12. An over all picture from a user perspective (the person using the zip drive) will be needed. We can discuss this in a meeting.
13. What is the schedule of project? When are you looking at starting the phase1?

7.0 Additional points –

1. Good knowledge of user interface required.
2. Free softwares like MySQL will be used for development.
3. Backup the centralized database. This database is core of the business so a back up functionality is a must
4. Database security - we can discuss this in details

8.0 Our approach to work-

1. Point of contact – A single point of contact from both the team is must for continuous flow of information.
2. Software development will be done in the premises of IntraEdge
3. Regular updates will be provided to the customer during weekly meetings
4. Once the requirements are finalized, any changes will be done via a agreed upon process.