**CT 1312 - Sheet#8 DFD**

Almultaqa fitness center has paper method of maintaining its records that it now realize will not do with its high enrolment and the low cost of modern day technology .

You as system analyst and consultant have been hired to see what needs to be done to computerize their system.

After series of interviews with key personnel at almultqa, you have found out that their paper pressing works as follows.

Perspective members come in person, either as gust of a member or via promotions in the newspaper .if they decide to join the fitness club they fill out a membership application .Ms.Mona the receptionist takes their application and place it in a folder which she files by members last name. She also fills out a membership card which she gives to the new member and then creates member-on-file cards. The member-on-file cards goes into a card file that is kept at the health club's entrance. If a member forgets their membership cards, all they need to o is show form of id. The person at the reception desk will check the member-on-file card box. If a match found, the individual has a permitted entrance. The -on-file cards also list the nature of the membership, i.e., whether they can join all the lessons and use all the equipment or not.

At the beginning of every month Ms.mona goes through the files and pulls out those members whose membership is about to expire within two months. She generates an automatic form letter on her electronic typewriter to send to these individuals and encloses a renewal request in her mailing. She also pulls out all the members on file card that have expired, and throws it in trash .

**Drew context diagram and level-0 DFD**