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# Introduction

MobiMims is supported by PracticePerfect: TygerVallei Office 88b in Silver Lakes Road 3rd circle.

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# Current situation

Doctors can subscribe to and use MobiMims quite independly from TML. The only necessary link is to determine whether the customer has paid.

From MobiMims, one has a link to the website by which one can subscribe to MIMS, but from the MobiMims perspective, that is necessary only to facilitate payment of the subscription. For the rest, they keep their own information about the customer. In order to save the subscriber the effort of having to capture the same information twice, there is an API in which TML can update the user information on the MobiMims side. This is a simple HTTP method. Apparently, this would also include the expiration date of the subscription.

So, the bottom line is that a user have to subscribe on both sides, and somehow the two has to be synchronised.

On the MobiMims site, a user identified himself with an email address and a password. To check for the expiration date, MobiMims has to call a web service on TML side with two methods:

FindCustomerByEmail(email) in order to get the receiver’s id.

Expirationdate = ReceiverSubscriptionCheck(CustomerId, productId)

It is assumed that the CustomerId is the receiver. For some reason, the productid can be 32 = MobiMims or 1 = MIMS. I do not understand the purpose of the 1.

# Problem

FindCustomerByEmail(email) in order to get the receiver’s id. This process is flawed, because EmailAddress is not a unique identifier on MIMS.

That explains the intermittent failures on the current approach.

# Proposal

It is proposed that access to MobiMims be controlled the same way it is done on CPD.

A User subscribes the same way any use subscribes to MIMS products, either directly of online via MIMS shop.

The user then receives a UserId. He signs on with that UserId and his Email address. If the Email address does not match what is in the subscriptions system, the user cannot log in.

Once logged, in user can request access to a specific issue. The request is granted if the user paid for that specific issue.

In order to prevent abuse, MOBIMIMS has to ensure that there can be only one session per UserId.

It is proposed that the requests be consolidated to a single MIMS service, i.e. the one currently used by CPD. Some of the functionality is already availible there. Only one method has to be added:

DateTime? ReceiverSubscriptionCheck(int pReceiverId, int pProductId);