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Project: Online Personal Information Manager

How to do (technologies being used): PHP, MySQL

What to do:
This online system consists of three components contact manager, schedule manager, and administration. All of operations will be done in secure manner.

The functionalities of each component detailed as below:

Contact Manager
- authenticate users by password and keep a separate list of contacts for each user.
- store name, address and email address for each “contact”.
- create a new contact.
- modify an existing contact.
- delete an existing contact.
- display a menu of existing contacts owned by the current user, allowing the user to select one to get full information for that person.
- allow users to give specific other users read-only access to their contact list. This would allow groups of friends to avoid duplication of shared information.
- show a menu of all of the contacts owned by other users that have granted access to the current user. This is read-only access: no deleting. It should also show only information of users that have specifically allowed the current user access.

Schedule Manager
- add an event to schedule.
- modify an existing event to schedule
- delete an existing event to schedule.
- set/delete/modify reminder to certain events and the frequency of reminder, such as once a day/week or a certain time before the event occurring.
- add/delete/modify an appointment with others who are in the current user’s contact list.
- set/delete/modify frequency of existing appointment, such as repeating weekly or monthly.
- All event operations are provided with conflict detection.

Administration
- personal administration such as change password
- system administration such as add a new user, delete an existing user

Note: Above are all my plan, but I might not implement all of them because of the time limitation. The main part is the 1st component contact manager. I will implement this part by around Nov 20.
I have an additional idea: The package created by this system can interact with the vCard standard for exchange of personal information. I will choose either this part or 2\textsuperscript{nd} component mentioned above to implement. If time allows, I will do both of them.

So, I hope that I can ask due day extension (say on December 5 or a few days more) so that I can implement all I planed.

**How to test and demonstrate:**
I will complete components one by one. As long as I implement one, I will demonstrate it at the place where you (instructor) can specify.