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QUESTION ANSWER BOARD

**Problem**

Sometimes I get stuck in a question and I may ponder it for a couple hours with no answers. Any help or hints would be greatly helpful.

**Enhancement Rules**

* A forum or bulletin board where you can post questions or answer unanswered questions (e.g like stackoverflow.com).
* There will be a point system where students receive points for answering questions, these points can be used in csulb bookstore for goodies/discounts or used to ask questions.These points can also be converted to actual currency. All students are given a certain amount of free points every semester (an additional aspect from the tuition). These points can also be bought through the site with PayPal partnered merchant.
* Points are used to ask questions, the original poster (OP) can set the price. The question can also be free or to some extent points can be raise to a maximum cap.
* There will be a level for each question, lower level questions are easier questions which costs less points than harder questions. The level question can be set by the OP, or if the answerer thinks it should be higher, the answerer can request to make it higher where then the OP can decide to raise it.
* Points can only be given after the OP approves it. Partial points can also be given if the OP decides to (for given effort). Points are then deducted from the OP and transferred to the answerer.
* A user gains positive or negative reviews/stats depending on his contribution to the community. The account is ID campus bound therefore you cannot just remake a new account. There will be a moderator system where the OP can add a user to an ignore or ban list, where their posts will disappear and prohibit them from reentering the room (This will help wither out those who abuse or use the site for negative activities).
* There will be a site moderator which will check upon question rooms daily via automatic and manually. The community may speak to these moderators regarding any questions or issues.
* A question does not disappear after it has been answered, questions can be further asked for more clarifications, therefore additional points can be given to those who answers questions to the answered questions.
* If a question is answered simultaneously by many answerers at a given 5 minute time span, the points are split between the answerers. The OP will be able to track of how many people are answering the questions.
* An answered question that is frequently used or seen by others can earn additional points by others donating points to the answerer if they want to.
* Points can also be given to helpful answerers who may guide the questioner at the right answer via by linking sites, examples, hints or tips.
* The system will also award free points to those who actively participate in the community whether a questioner or an answerer.
* The questions are categorized, by major, by subjects and classes. Unanswered and answered questions are categorized.
* There will also be a general discussion, where people can discuss or ask questions regarding anything non-school or school related.
* There will be a buddylist, chat and profile system where the users can add each other and able to talk like facebook chat. You can use this to meet up for tutoring, etc.

**COST / TIME**

It will cost more by the additional time it requires to make the framework to create the system above. There will be a security browser where they can purchase points safely; redirected through PayPal. Most of the system can already be derived with the existing classes and objects. The room boards can be created through a session and the chat system is created through the chat session. The categorization and sorting is just derived from the database query and is used upon our html, css and javascript. The functionality of the site will involve some javascript such as for updating the room boards, keeping track of the answerers and points given. Since most of these are done, the rough estimation hours of development would be around 50 hours including testing. No additional hardware requirements are needed.

**UML / Sequence Diagram**

The sequence diagram will be the same of what we already have. The request of creating a session will go in, with the proper inputs that it needs. The inputs might be the user which is the OP, and the description of the question. This session will then be opened to the public, available for answers. The answers will be held in the content of the session. The session questions are then stored and kept track in the database for further needs. Each creation of these sessions will need to be validated and secured.