



CALIFORNIA STATE SCIENCE FAIR 2012 PROJECT SUMMARY

Name(s) Benjamin A. Baraad	Project Number J1402
Project Title ReMYnder Binder	
<p style="text-align: center;">Abstract</p> <p>Objectives/Goals The integration of technology into the classroom is beginning to impact schools across the country. The load on a student's back is being significantly lightened by e-readers and computers allow for the rapid sharing and editing of documents. However, one area of the classroom process that received less re-invention than necessary is the assigning and management of homework. At some schools (mine, for example), each teacher has a class webpage to which they can upload assignments and relevant content as they see fit. To a teacher, the largest problem is that the process is unintuitive. There is no simple "Add Assignment" functionality, nor is there a simple way to easily upload a document linked to the assignment. For a student, the largest problem is fragmentation. With a physical assignment book, a student can see all of their assignments at once and prioritize. On these websites, however, a student must load several teacher's pages to view all of their assignments. Thus, the goal of ReMYnder Binder is to create a homework program that both students and teachers will find easy to use.</p> <p>Methods/Materials ReMYnder Binder's creation required few materials. To build the product, I used XAMPP as a package for both hosting my own Apache server (for testing PHP) and using MySQL (server-side data organization), Notepad ++ to write HTML, PHP, Javascript, and AJAX, and tested my work on the Chrome browser. The work was conducted on a laptop running Windows XP. There was little rigid schedule for production of ReMYnder Binder. I mainly simply sat for long periods of time and wrote code. I also learned AJAX from a book specifically for the project.</p> <p>Results I believe I have created a simple, intuitive portal for students to easily view upcoming assignments, as well as a simple method for teachers to upload new assignments that will be automatically pushed to their students. I am in the process of adding new features, so I hope the product will soon have even greater functionality for both both teacher and student organization.</p> <p>Conclusions/Discussion ReMYnder Binder is still in pre-alpha. While the service is not yet finished, I believe I have already created a useful product that allows for the painless and unified assignment and checking of homework and look forward to building upon my current foundation to build an even better product.</p>	
Summary Statement The goal of ReMYnder Binder is to create a simple, unified interface for students to check their homework on.	
Help Received None	