

1 Release Information

Release	<i>2</i>
Leader	<i>Peter Humphreys</i>

Give a one to two sentence description of new functionality provided by this release.

This release includes the implementation of our database and basic functionality of our GUI. The GUI will need to be refined in the next iteration.

2 Progress

Stories and spike solutions worked on during this release				
Issue #	Labels	Description	% Impl.	Notes, plan for completion
1	Story	<i>As a user, I need to view my GPA, so that I know how I'm doing in school.</i>	85%	<i>We currently only have dummy values</i>
2	Story	<i>As a user, I need to enter how many hours I studied on a subject, so that I can track my study habits.</i>	100%	
3	Story	<i>As a user, I need to be able to set up an account.</i>	100%	
4	Story	<i>As a user, I need to be able to enter my grades for individual classes, so that I can track my grades.</i>	100%	
5	Story	<i>As a user, I need to be able to enter assignments and exams, so that I can plan my study time for them.</i>	80%	<i>Can enter them and somewhat track, making it better to track and the data more accessible from the database</i>
8	Story	<i>As a user, I need to know how many hours I should study for each class, so that I can get good grades</i>	60%	<i>We can enter hours and add courses but we do not calculate the recommended amount of hours per course</i>
9	Story	<i>As a user, I need the ability to add classes, so that I can get study goals for these classes.</i>	100%	
17	Story	<i>As a user, I need the ability to remove classes, so that I can get rid of classes I have dropped.</i>	60%	<i>Can remove classes, not sure if proper calls are in</i>

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				<i>place to remove from database</i>
53	Story	<i>As a user, I want to be able to navigate to another form so that I can more easily use the application.</i>	100%	
56	Story	<i>As a user, I want to be able to view my course information on the homepage so that I can quickly determine what I need to do.</i>	80%	<i>Can see course information, cannot see personal information like name and school name yet.</i>
44	Spike	<i>Test different study time algorithms</i>	100%	
19	Task	<i>Create a GPA Graph class</i>	100%	
38	Task	<i>Make Navigation Bar Work</i>	100%	
39	Task	<i>Remove buttons on HomePageForm</i>	100%	
40	Task	<i>Make new forms open while closing the previous form</i>	100%	
41	Task	<i>Implement MVC across Presentation Layer</i>	100%	
42	Task	<i>Restructure Data Access Layer</i>	50%	<i>Did not fully restructure need to restructure and add a controller class to run through for the database.</i>
43	Task	<i>Setup database for correct tables</i>	80%	<i>For this iteration tables are correct, for deployable app, need to fix how tables are created and when to create new tables.</i>
45	Task	<i>Process inputted data into AddGradeForm</i>	100%	
46	Task	<i>Process Data inputted into AddCourseForm</i>	100%	
47	Task	<i>Process data inputted into AddAssignmentForm</i>	100%	
48	Task	<i>Add StudyLogForm</i>	100%	
49	Task	<i>Add GUI components to remove courses from the account</i>	100%	
50	Task	<i>Process course removal from the UI</i>	100%	
51	Task	<i>Create a StudyLogForm</i>	100%	
52	Task	<i>process Data inputted into StudyLogForm</i>	100%	
54	Task	<i>Display data on Home Page</i>	80%	<i>Can see course information, cannot see personal information like name and school name yet.</i>
55	Task	<i>Create UserInfoForm</i>	100%	
57	Task	<i>Set up database for correct queries</i>	100%	

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58	Task	Fully integrate database with application	80%	For this iteration, backend is working, for future iterations need to add more integration.
59	Task	Create LoginForm	100%	
60	Task	Create Registration Form	100%	
61	Task	Create InitialSetupForm	100%	
62	Task	Process initial setup of account	100%	
63	Task	Create Base Form	100%	
64	Task	Style Navigation Bar	100%	

Accomplishments by engineer		
Team Member	Total Time (hrs)	Stories/tasks implemented
Nathan	16	#44 #46 #49 #50
Andrew V.	14	#48 #51 #52
Andrew H.	20	#43 #57 #58 #62
Peter	18.25	#64 #63 #62 #61 #60 #59 #55 #41 #42 #40 #39 #38 #19
Makenna	10	#45 #54 #56
TEAM TOTAL	78.25	

Document updates	
Document	Changes

3 Issues

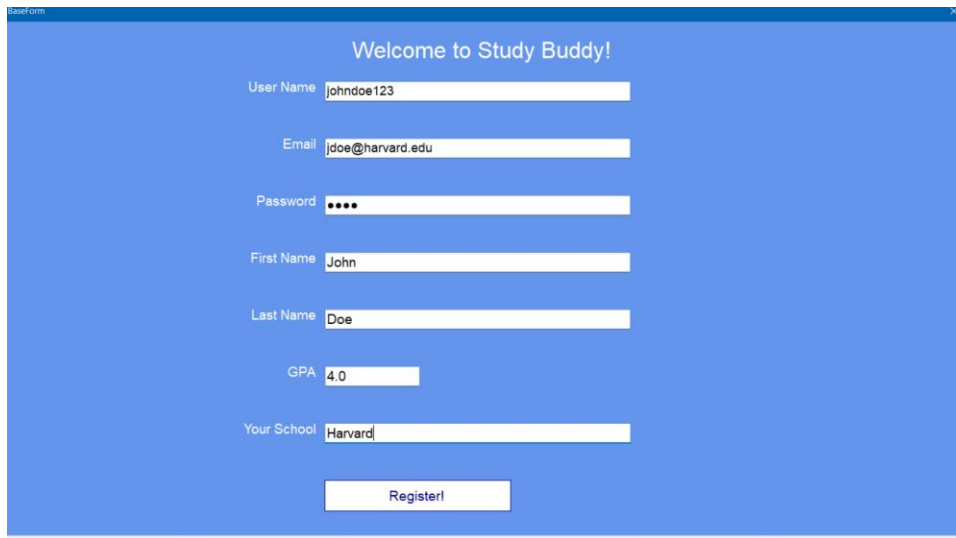
Document anything that is not decided yet and needs to be resolved at some point.

Issue Number	Discovery Date	Resolution Date (Est.– Act.)	Responsible Person	Description (Prob / Resolution)
<i>#1</i>	<i>04/03/2022</i>	<i>04/27/2022 (Iteration 3 due date)</i>	<i>Peter Humphreys</i>	The IGraphView interface needs to be segregated into 2 interfaces- right now, it is being implemented by UserInfoForm and CourseInfoForm. The former form implements 1 method and the latter implements 2 different methods, but both forms are forced to contain empty implementations of the unused methods. (Ideally the graphs will be made into a user control that is embedded into the form, thus decoupling form controlling classes from graph controlling classes)
<i>#2</i>	<i>04/05/2022</i>	<i>04/7/2022</i>	<i>Andrew Haddad</i>	On logging in with an existing account, study hours for all courses display as 0.

4 Screen Shots

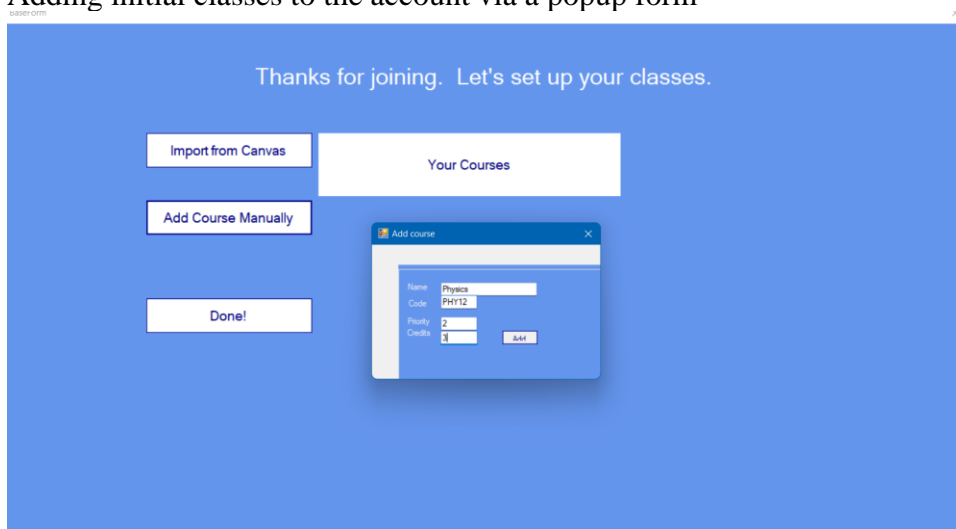
Registering an account

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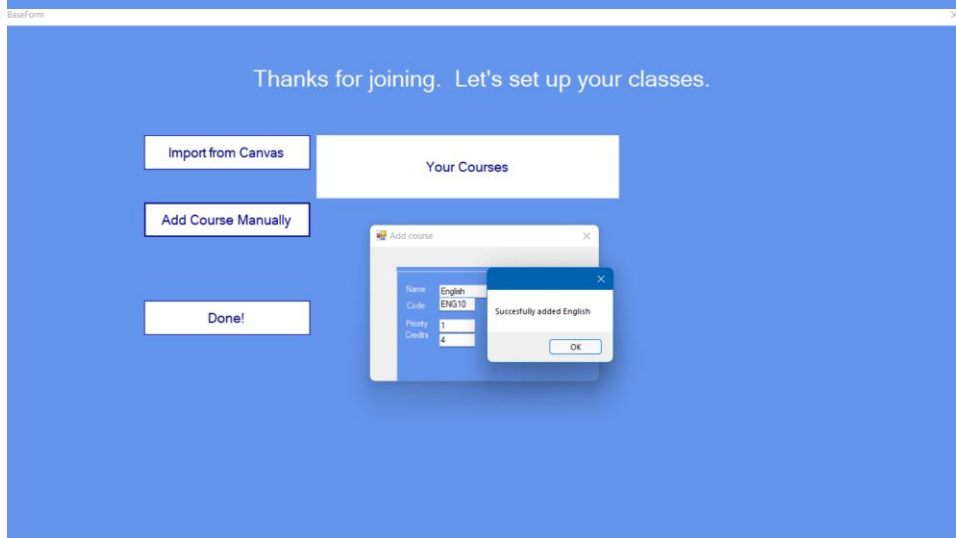


A registration form titled "Welcome to Study Buddy!" with a blue background. The form contains the following fields: "User Name" (johnndoe123), "Email" (jdoe@harvard.edu), "Password" (masked with dots), "First Name" (John), "Last Name" (Doe), "GPA" (4.0), and "Your School" (Harvard). A "Register!" button is at the bottom.

Adding initial classes to the account via a popup form



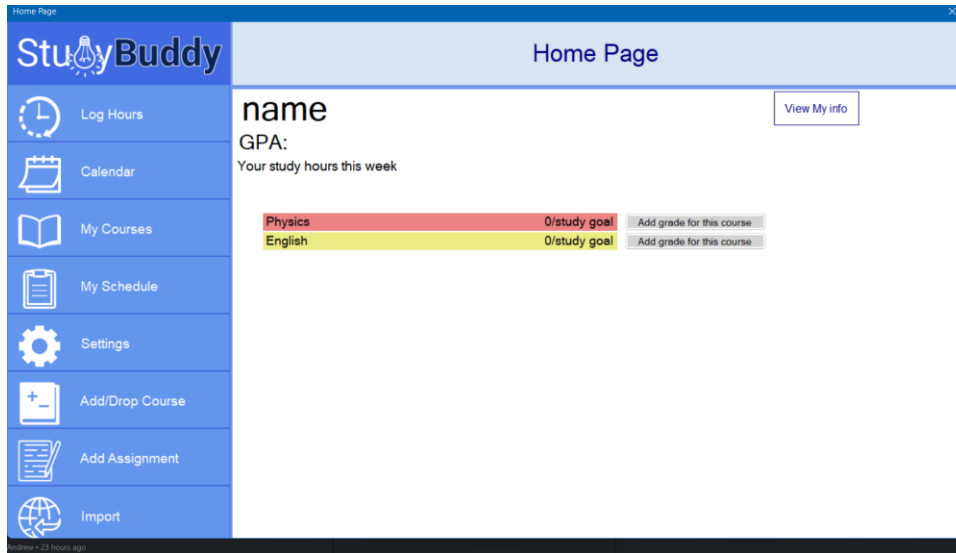
A screen titled "Thanks for joining. Let's set up your classes." with a blue background. It features three buttons on the left: "Import from Canvas", "Add Course Manually", and "Done!". On the right, there is a "Your Courses" box and a floating "Add course" popup form. The popup form has fields for "Name" (Physics), "Code" (Phy112), "Priority" (2), and "Credits" (3), with an "Add" button.



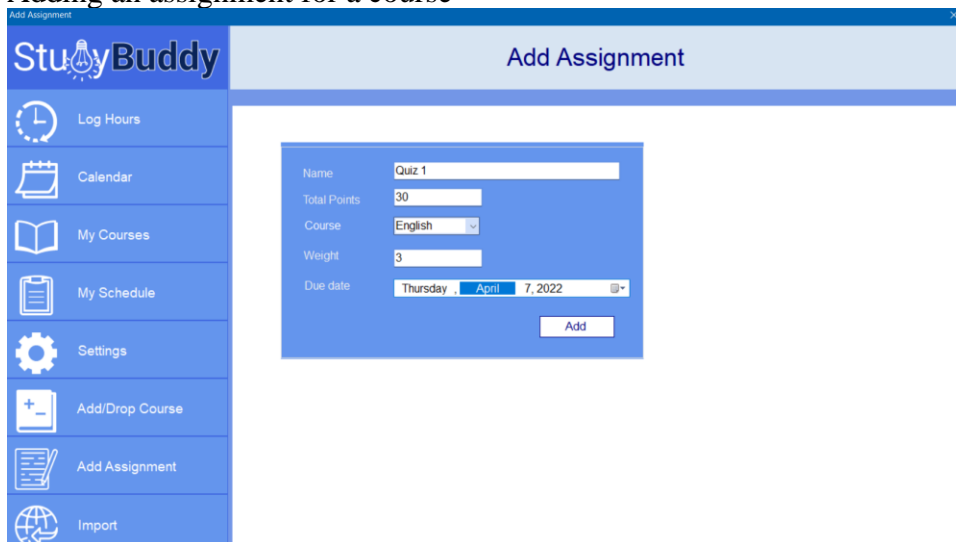
The same screen as above, but with the "Add course" popup form updated. The "Name" field is now "English", "Code" is "ENG10", "Priority" is "1", and "Credits" is "4". A new "Successfully added English" dialog box with an "OK" button is now visible over the popup form.

The homepage after an account is initially registered

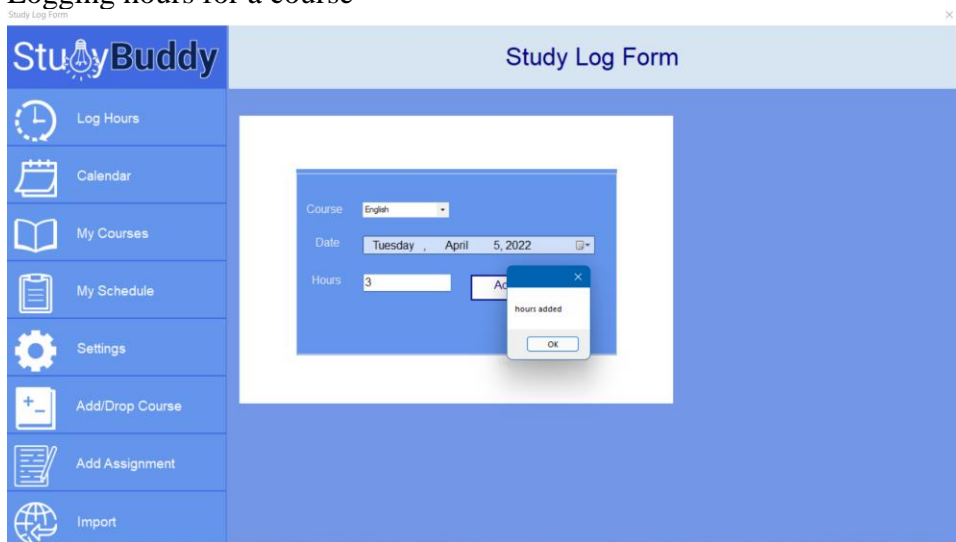
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Adding an assignment for a course

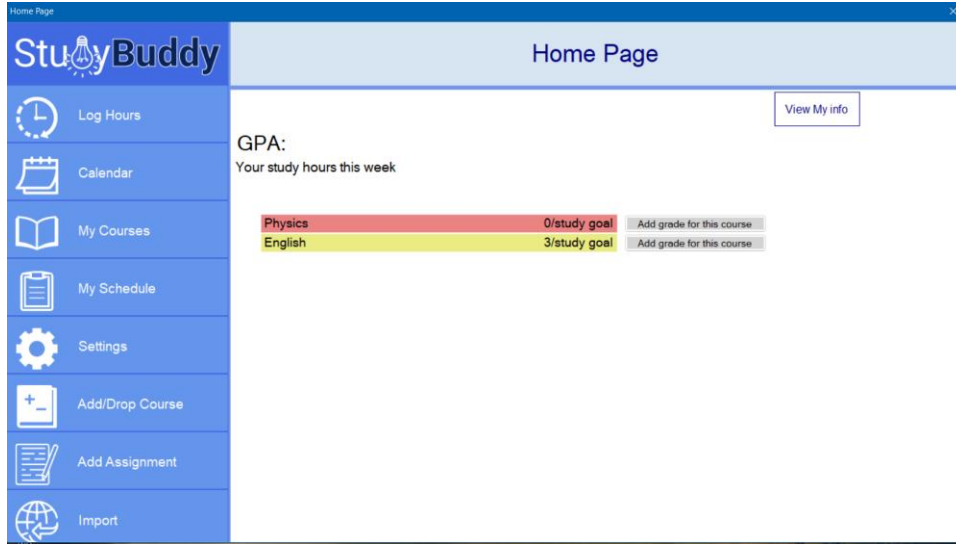


Logging hours for a course

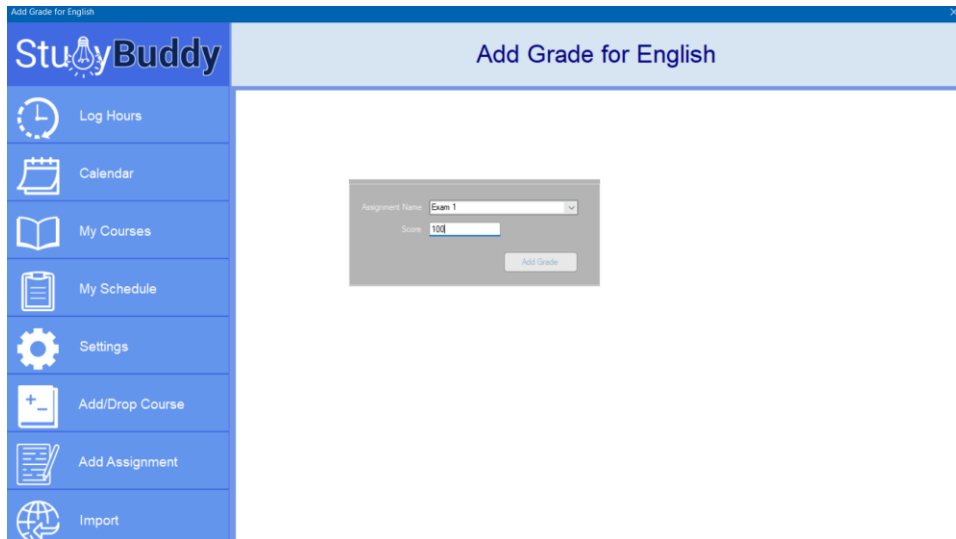


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The homepage is updated to reflect the added study hours

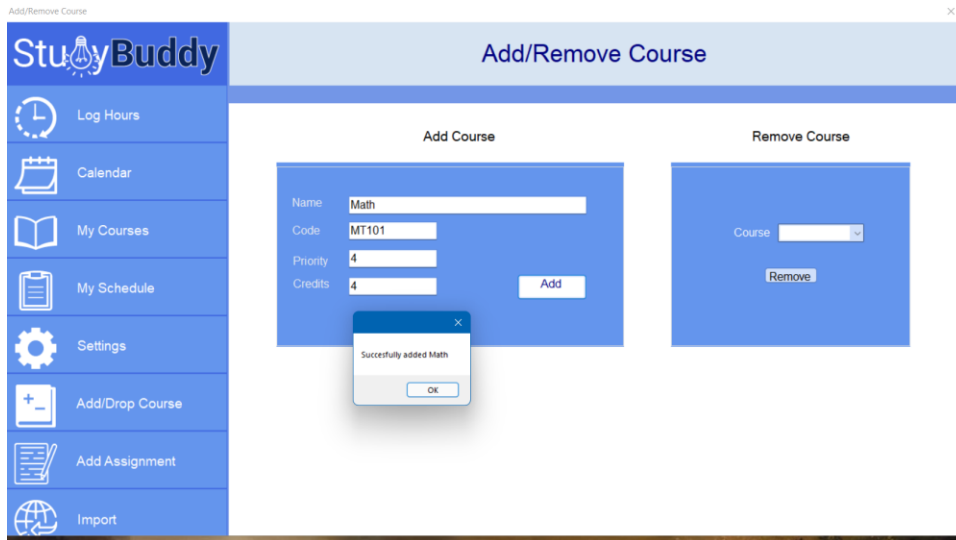


Adding a grade for an assignment in a course

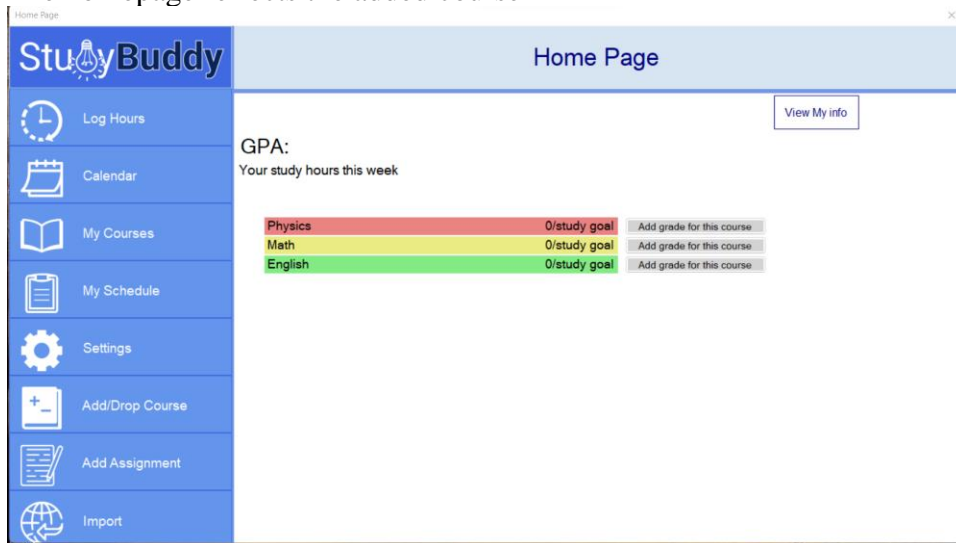


Adding a course

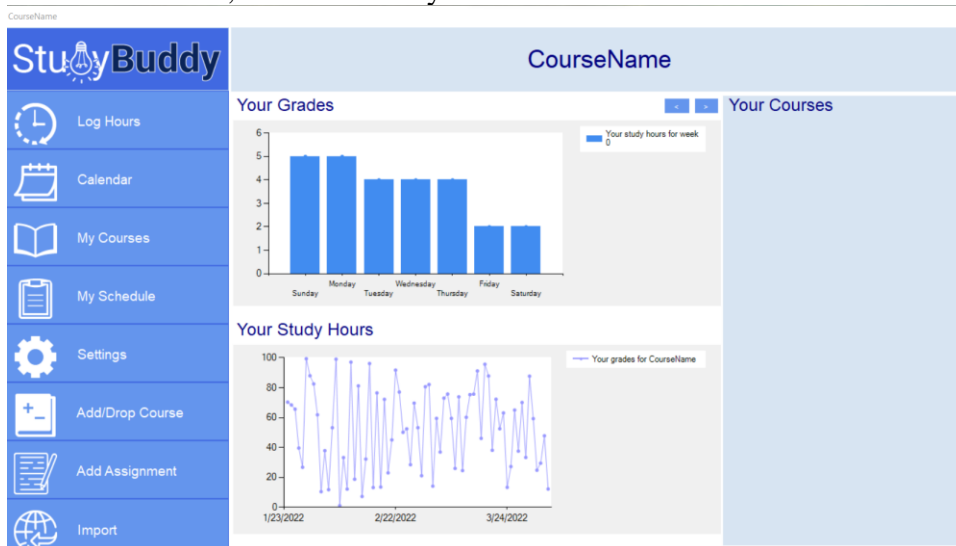
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The homepage reflects the added course

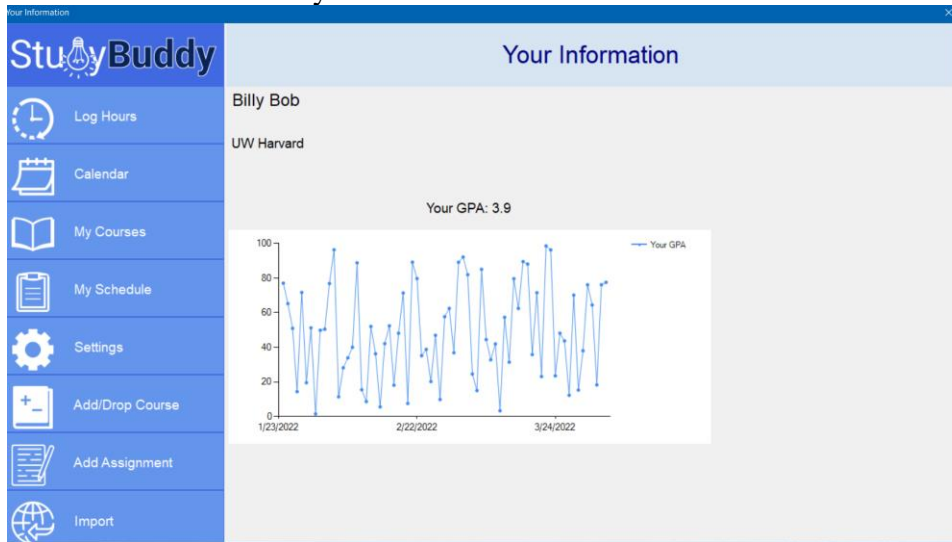


Course info form, which still only holds test data



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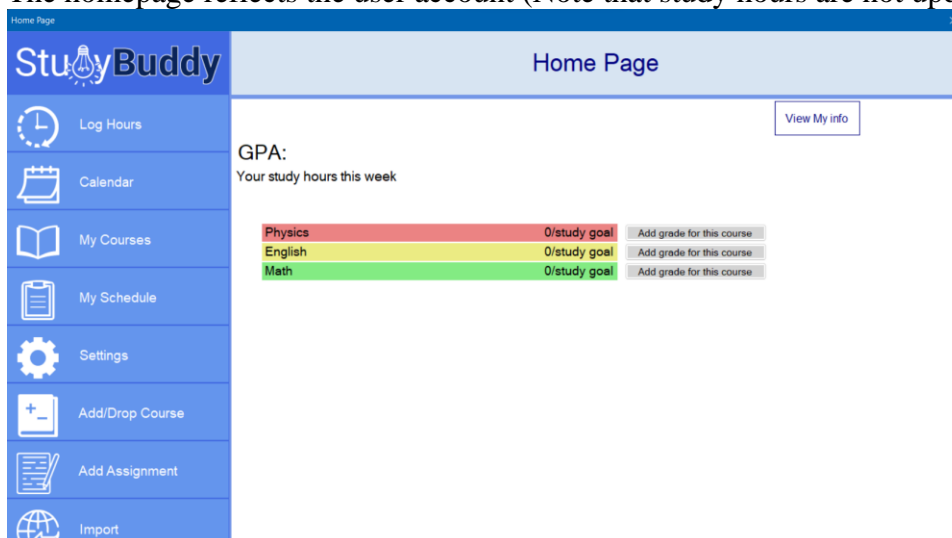
User info form- still only holds test data



Logging back in using the account previously created

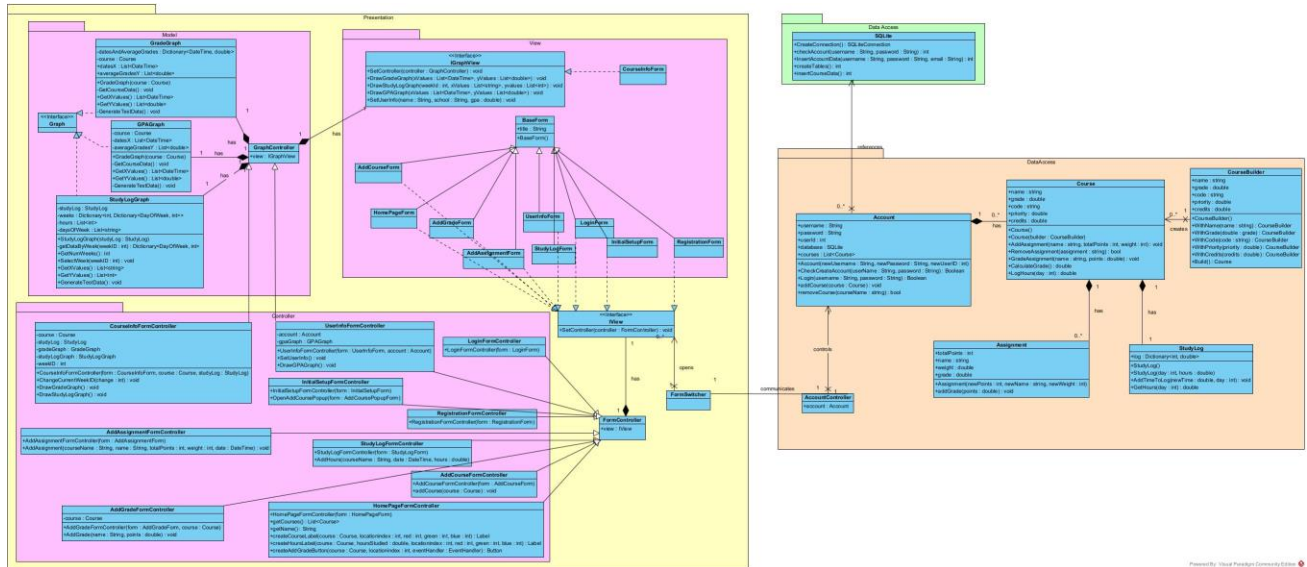
The screenshot shows the login page of the Study Buddy application. The page has a blue background and a white login form. The form includes fields for 'User Name' (containing 'johndoe123') and 'Password' (masked with dots). Below the password field is a 'Sign In' button. Underneath the button, there is a link 'No account? Register now!' and a 'Create New Account' button.

The homepage reflects the user account (Note that study hours are not updating correctly on reload)



5 Updated Design

Insert the most up to date design here.



The class diagram is also uploaded to GitLab for easier viewing.