

## 1 Release Information

Release	3
Leader	<i>Nathan Sandvig</i>

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

This release includes the finished version of our product, including the algorithm to tell the user their study goals for weekly hours per course and daily total hours, a schedule panel which shows what times the user's courses are, the ability to edit existing courses, finished database storage implementation, and the ability to add course times. It also includes conversion to non-modal feedback, the ability to view the list of courses, a calendar panel which shows when assignments are due, a graph to see the number of hours studied, and a graph to see the GPA over time of the user.

## 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>	100%	
6	Story	<i>As a user, I need view my schedule, so that I can plan my time</i>	100%	
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>	100%	
12	Story	<i>As a user, I need to be able to change my calendar from a weekly view to a monthly view</i>	100%	<i>Completed this story by using 2 different methods of viewing the calendar; calendar and schedule</i>
13	Story	<i>As a user, I need to be able to shut down the app, so that I can control when it is running</i>	100%	
16	Story	<i>As a user, I need to be able to rank my classes by importance, so that my study time can be prioritized for higher importance classes</i>	50%	<i>Priority is stored, but not used in the algorithm</i>
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>	100%	

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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>	100%	
57	Task	<i>Set up database for correct queries</i>	100%	
65	Task	<i>UX: Replace dialog boxes</i>	100%	
66	Task	<i>Populate graphs with real data</i>	100%	
67	Task	<i>Change AddCoursePopUpForm</i>	100%	
68	Task	<i>Make CourseList user control</i>	100%	
69	Task	<i>Modify AddRemoveCourseForm to include "Edit course" functionality</i>	100%	
70	Task	<i>Create ScheduleForm</i>	100%	
71	Task	<i>Add the ability to input historical GPA data</i>	100%	
72	Task	<i>Reorganize SQLite calls</i>	100%	
73	Task	<i>Add historical GPA data storage to database</i>	100%	
74	Task	<i>Add the ability to input class times</i>	100%	
75	Task	<i>Implement study hours algorithm</i>	100%	
76	Task	<i>Add method to calculate available hours in a day for studying</i>	100%	
77	Task	<i>Finish implementing remove courses</i>	100%	
78	Task	<i>Add a method of exiting the program</i>	100%	
79	Task	<i>Add a function to manage shutting down the process</i>	100%	
80	Task	<i>Add priority to courses in database</i>	100%	
81	Task	<i>Add class time info to database</i>	100%	
82	Task	<i>Extend database functionality to local data</i>	100%	
83	Task	<i>Create calendar form GUI</i>	100%	
84	Task	<i>Create calendar form controller</i>	100%	

Accomplishments by engineer		
Team Member	Total Time (hrs)	Stories/tasks implemented
<i>Nathan</i>	<i>11</i>	<i>#75, #76, #78</i>
<i>Andrew V.</i>	<i>18</i>	<i>#65, #67, #68, #74, #83</i>
<i>Andrew H.</i>	<i>13</i>	<i>#57, #72, #73, #77, #79, #80, #81</i>
<i>Peter</i>	<i>20</i>	<i>#66, #69, #71, #74, #84</i>
<i>Makenna</i>	<i>13</i>	<i>#69, #70, #82</i>
TEAM TOTAL	<b>75</b>	<b>#1, #6, #8, #12, #13, #16, #17, #56</b>

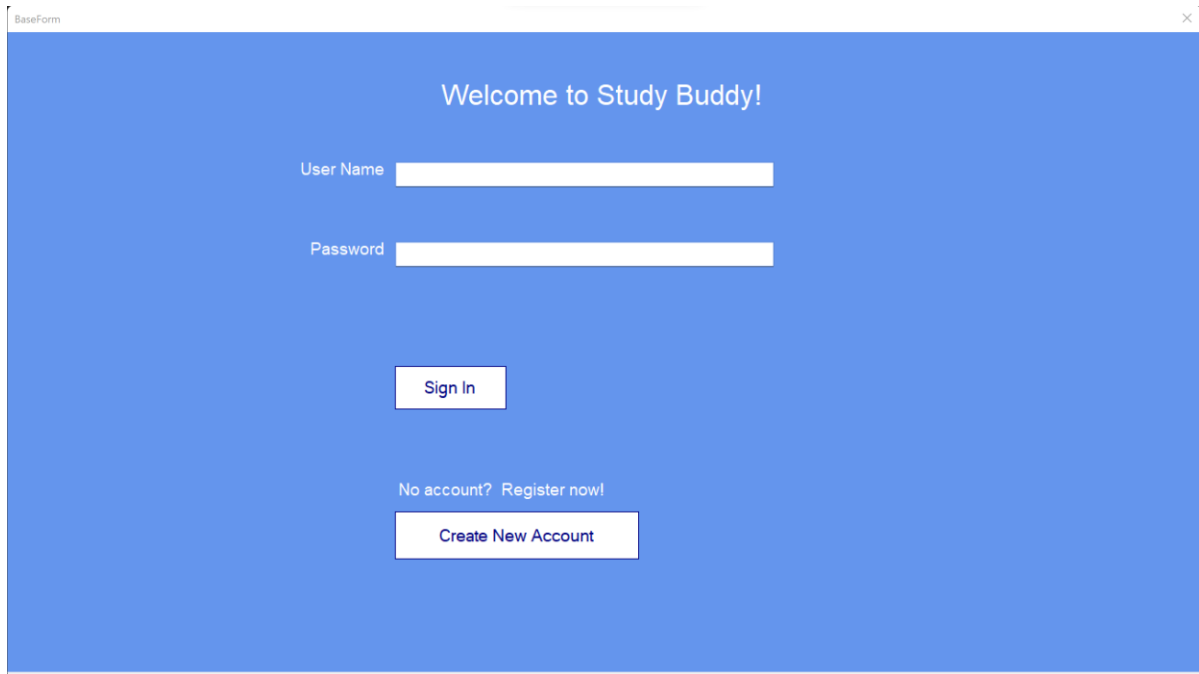
Document updates	
Document	Changes
Class diagram	Updated to reflect new added classes

### 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)
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### 4 Screen Shots

A screenshot of a web application window titled "BaseForm". The background is a solid blue color. At the top center, the text "Welcome to Study Buddy!" is displayed in white. Below this, there are two white input fields. The first is labeled "User Name" and the second is labeled "Password". Below the password field, there is a white button with the text "Sign In". Further down, the text "No account? Register now!" is displayed, followed by another white button with the text "Create New Account".

Sign in page

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BaseForm

Welcome to Study Buddy!

User Name

Email

Password

First Name

Last Name

GPA

Your School

Create a new account page

Home Page

**StudyBuddy**

Home Page

**Nathan Sandvig**

GPA: 3.98

Your study hours this week

Intermediate SE	6/5.45	<input type="button" value="Add grade for this course"/>
Operating Systems	7/6	<input type="button" value="Add grade for this course"/>
Object-Oriented Analysis	3/6	<input type="button" value="Add grade for this course"/>

Homepage

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Add Grade for Intermediate SE

**StudyBuddy**

CalendarMy ScheduleAdd AssignmentLog HoursMy Course InfoManage My Courses

Assignment NameIteration 1Score47Add GradeUndoRedo

Add a grade

Calendar

**StudyBuddy**

CalendarMy ScheduleAdd AssignmentLog HoursMy Course InfoManage My Courses

< > April 2022

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1 Iteration 0	2
3	4	5	6	7	8 Iteration 1	9
10	11	12	13	14	15 Iteration 2	16
17	18	19	20	21	22 Iteration 3	23
24	25	26	27	28 Another assignment	29 Deployment	30

Calendar

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Schedule

StudyBuddy							
Schedule							
	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Study Hours:	0/2	0/2	0/2	0/2	0/2	0/2	0/2
6am							
7am							
8am							
9am		Intermediate Software Engineering		Intermediate Software Engineering		Intermediate Software Engineering	
10am							
11am		Operating Systems		Operating Systems		Operating Systems	
12pm							
1pm							
2pm							
3pm							
4pm							
5pm							
6pm							
7pm							
8pm							
9pm							

Schedule (weekly view)

Add Assignment

StudyBuddy	
Calendar	
My Schedule	
Add Assignment	
Log Hours	
My Course Info	
Manage My Courses	

Name

Total Points

Course

Weight

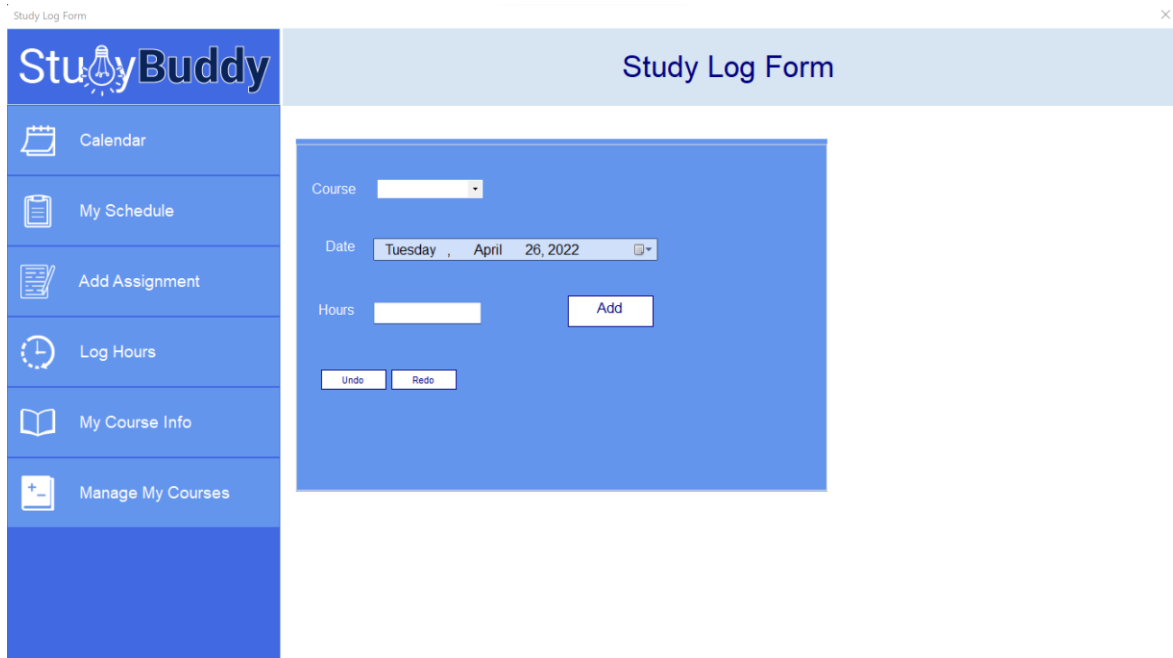
Due date

Add

Add an assignment

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Study Log Form



Study Buddy

Calendar

My Schedule

Add Assignment

Log Hours

My Course Info

Manage My Courses

Study Log Form

Course

Date Tuesday , April 26, 2022

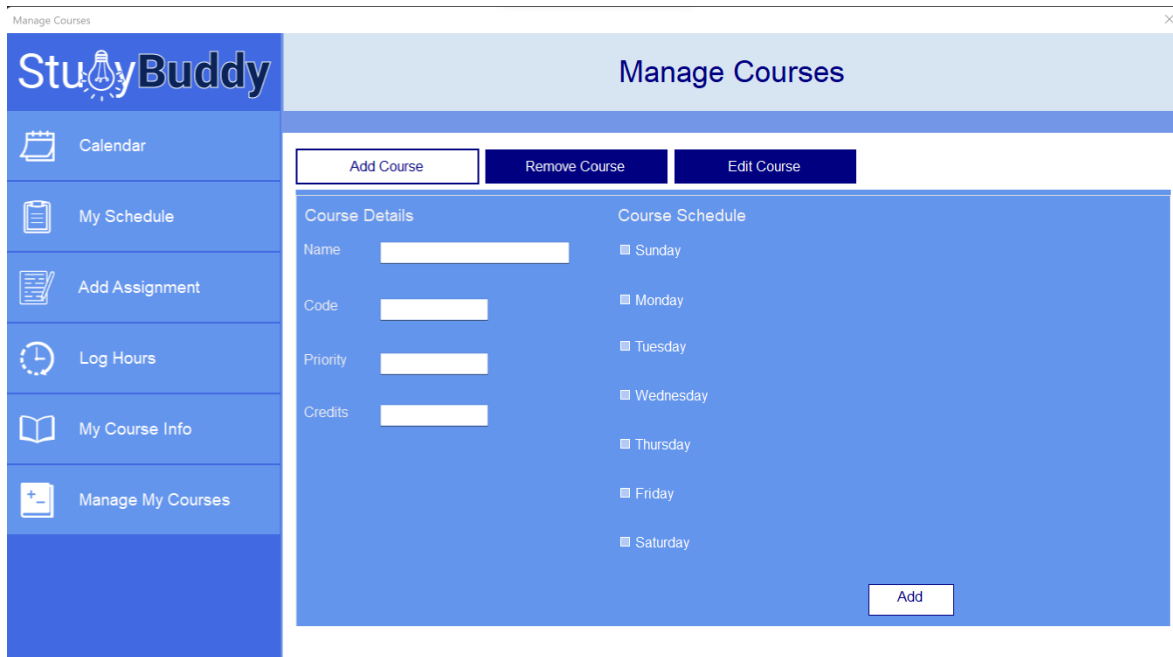
Hours

Add

Undo Redo

Log study hours

Manage Courses



Study Buddy

Calendar

My Schedule

Add Assignment

Log Hours

My Course Info

Manage My Courses

Manage Courses

Add Course Remove Course Edit Course

Course Details

Name

Code

Priority

Credits

Course Schedule

Sunday

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Add

Add courses

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Manage Courses

**StudyBuddy**

Calendar

My Schedule

Add Assignment

Log Hours

My Course Info

Manage My Courses

Add Course

Remove Course

Edit Course

Course

Remove

Remove courses

Manage Courses

**StudyBuddy**

Calendar

My Schedule

Add Assignment

Log Hours

My Course Info

Manage My Courses

Add Course

Remove Course

Edit Course

Course

Course Details

Code

Credits

Edit

Course Schedule

Sunday

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Save Changes

Edit an existing course



Your Information

StudyBuddy

Calendar

My Schedule

Add Assignment

Log Hours

My Course Info

Manage My Courses

Your Information

sandvign

UW - Platteville

Your GPA: 3.98

2.5

2

1.5

1

0.5

0

12/31/2021

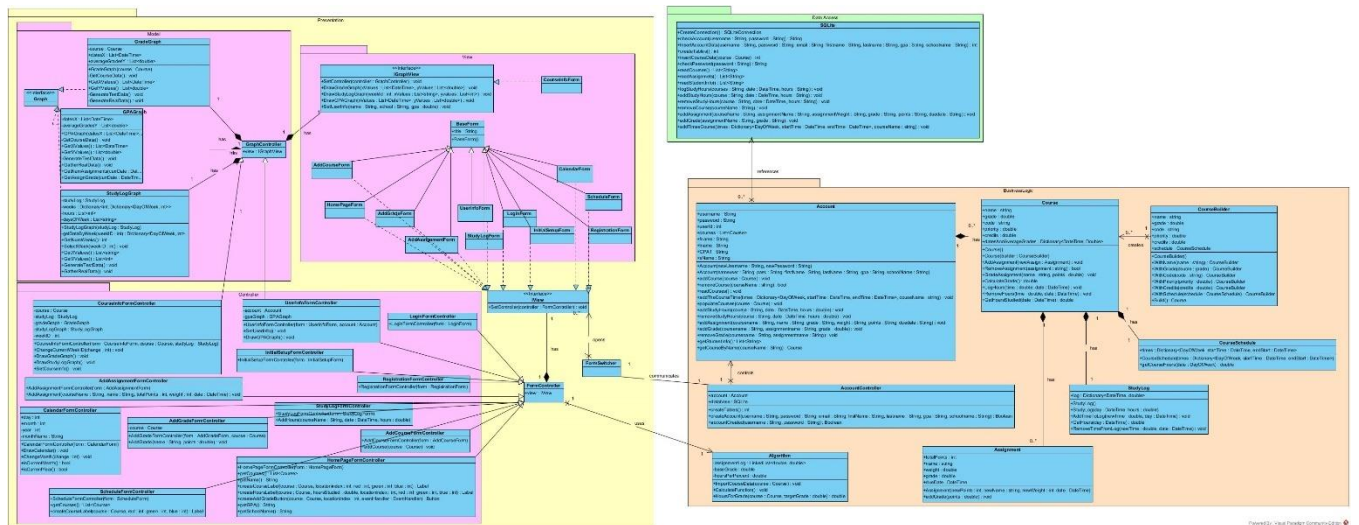
1/30/2022

3/1/2022

3/31/2022

Your GPA

## 5 Updated Design



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