

User guide: iFeel

This user guide will provide a step-by-step description of how to use the iFeel application.

A short demo of the student app can be found at

<https://youtu.be/fj74t1oCuZE>

And a short demo of the tutor app can be found at

<https://youtu.be/4IncwwXRPBw>

The longer form demonstration can be found at https://youtu.be/E_BWqDsbkOA

Additionally, the readme file found in the './src/' folder of the project details a step by step of how to deploy the application and database to the user's personal computer.

Evie Stokes

18 March 2023

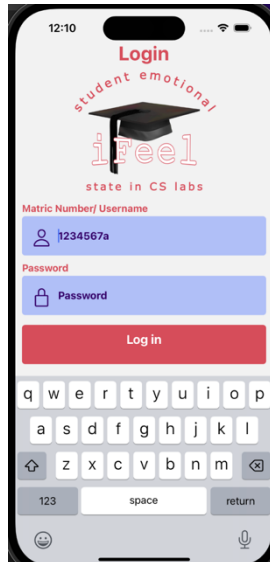


Table of Contents

Logging in	3
Logged in as Student	4
Messages - Student	4
Replying to a message	5
Courses - Student	6
Opening a course	6
Flagged.....	6
Not flagged.....	7
Completing a survey	7
Survey already completed – not highlighted	7
Survey not completed - highlighted	9
Profile – Student	10
iFeel Help	11
Log out	11
Logged in as tutor	12
Messages - Tutor	12
Replying to a message	13
Courses - Tutor	13
Survey Edit	14
Student Risks	16
Manually Unflagging/Flagging Student	17
Profile – Tutor	18
iFeel Help	19
Log out	19
Making Changes to the database	19

Logging in

To log in, the user is brought to the log in page. Here the user can log in with tutor credentials or student credentials.

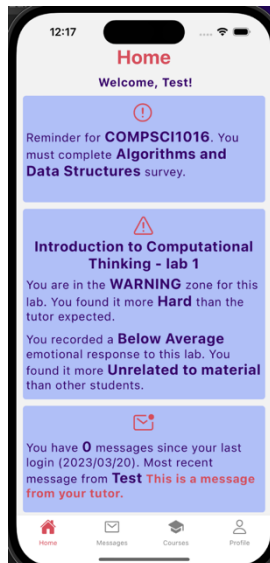


To log into a student account use

username : 1234567s and password : testpassword

To log into a tutor account use

username : 1234567t and password : testpassword



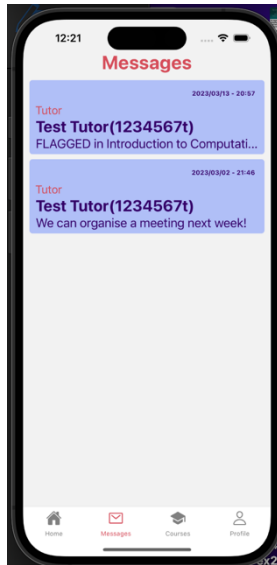
Logged in as Student

When logged in using student credentials, the student is taken to the student dashboard which looks as follows.

The dashboard displays a lab survey the user should respond to, responses to previous lab surveys and finally any messages since the last login.

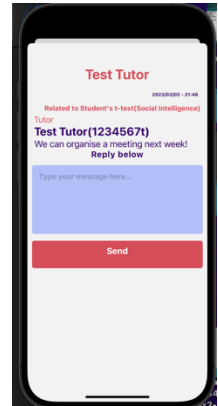
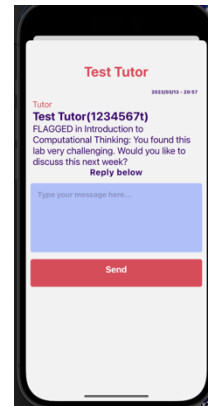
Messages - Student

Messages appear in a list ordered by the most recent. Students cannot freely send messages to tutors and as such they may only reply to messages in this list.

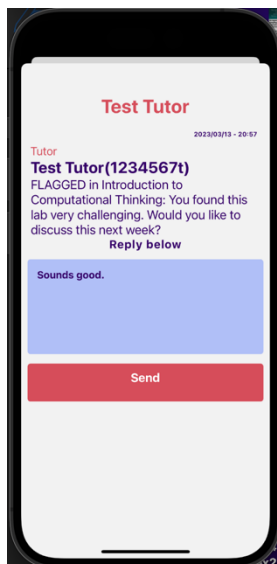


The left image shows how messages appear when the student opens their messages.

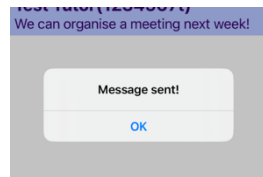
The image closest to the right shows the screen that appears once the student presses a message. Here they have the option to reply. This message will also show details of the lab it is related to if a tutor has sent a message in response to a student's risk zone in a survey, this is shown to the far right.



Replying to a message

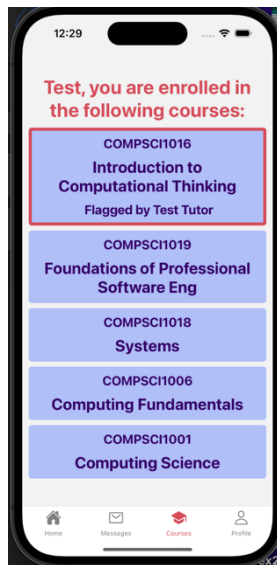


Once a message is tapped, the student may type text in the text box and then press send. They will receive an alert like the one below notifying them that the message has been sent.



Courses - Student

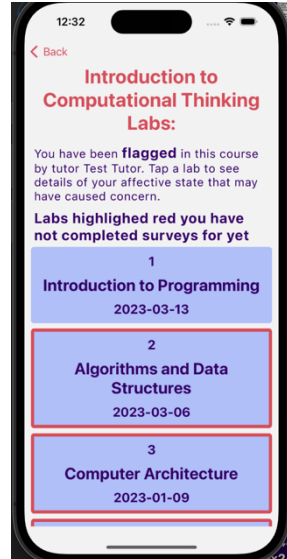
Upon navigating to courses the student will be met with a screen like this



Opening a course

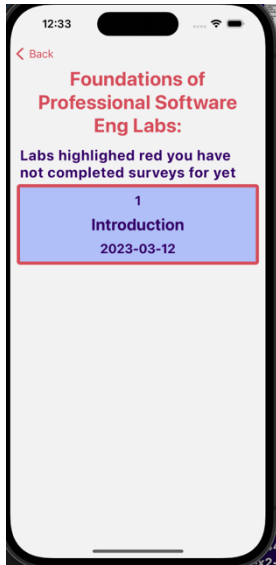
Flagged

Once a student opens a course, they will be met with a screen like this, if they are flagged.



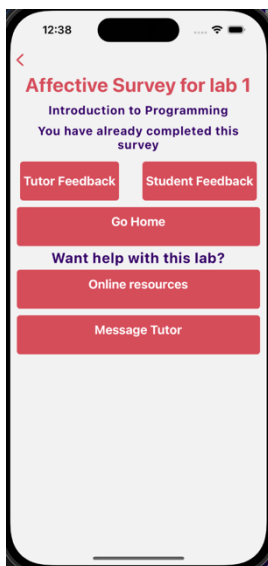
Not flagged

If a student has not been flagged, their labs page will appear like this.



Completing a survey

To complete a survey, a student will select a lab that is highlighted red from the labs list.



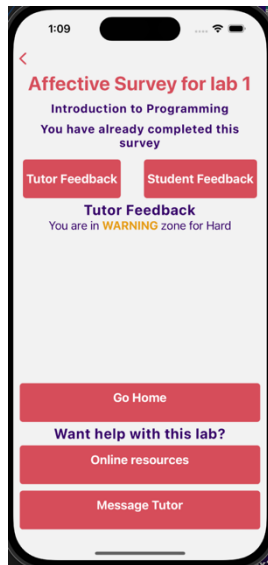
Survey already completed – not highlighted

If the survey has been completed, a screen like this one will be shown.

This screen allows a student to access tutor feedback, student feedback and a direct link to the dashboard.

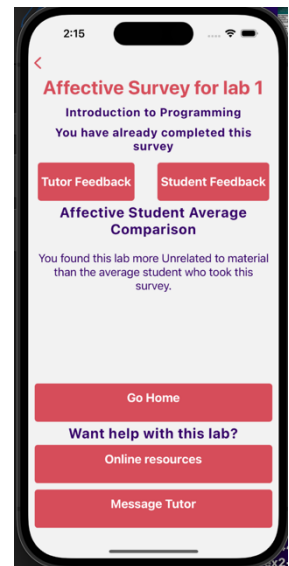
If the student wishes to view the tutor feedback, with regards to set out risk zones, they can do so by selecting 'Tutor feedback'.

They can view student feedback, which refers to how other students found the lab and how this compares to their response, by pressing 'Student Feedback'

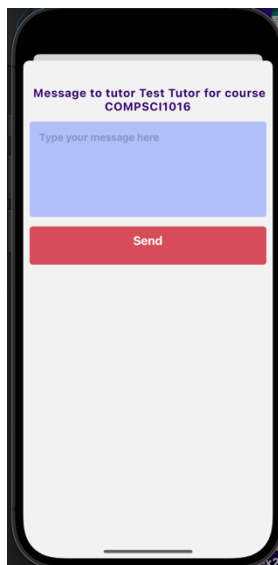


The left shows what will appear if Tutor feedback pressed. Risks recorded will appear in a list here, with zones highlighted in appropriate colours.

The right shows the student feedback by comparing the student's responses to questions to the average responses to these questions recorded by all students taking this course.

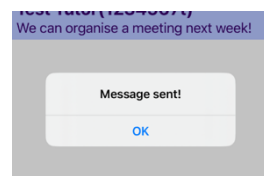
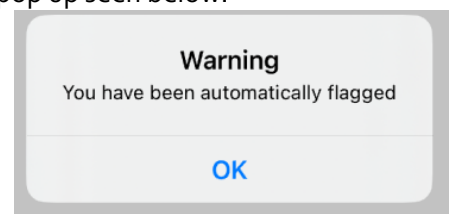


If the student was on any risk zones, help shows here. This includes online resources and messaging tutor.

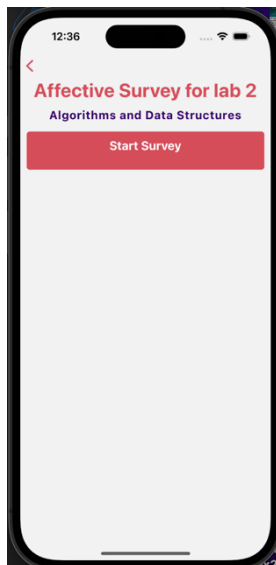


If the student wants to message the tutor they can tap this button and a message pop up will appear. This will highlight the tutor for this courses name and the course code. Once a message is sent, the student will be navigated back to messages and receive the pop up seen below.

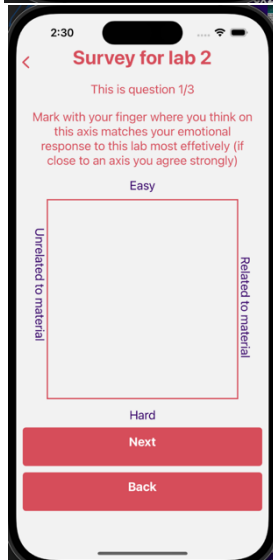
If the student qualifies to be automatically flagged, a pop up like the one on the right will appear.



Survey not completed - highlighted

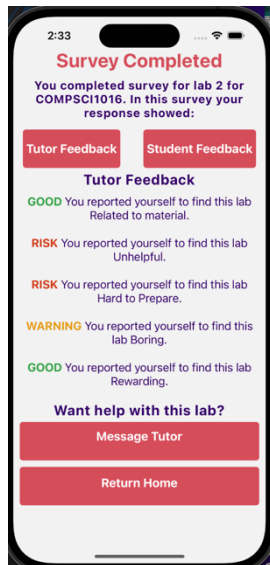


If a survey has not been completed yet, a screen like this one will show. To start the survey the student will press start survey.



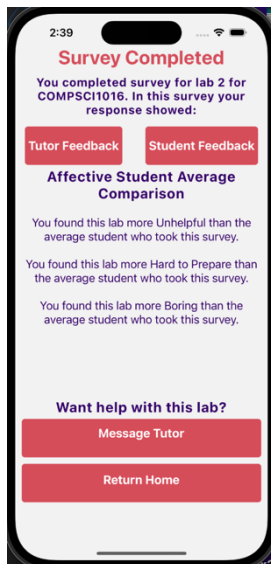
The student will be met by survey questions like this one. To answer a question, tap on the screen in the marked out area and press next. Alternatively they can move back and make changes to previous questions. There will be three questions.

The student will be navigated to the survey completed screen once the three questions have been completed. Once the Tutor feedback has been pressed, a screen like this one will be shown.



This screen will show a list of risks recorded and any axis' that did not cause any concern, as far as the tutor is concerned.

To see the student feedback, the student can press the student feedback button.

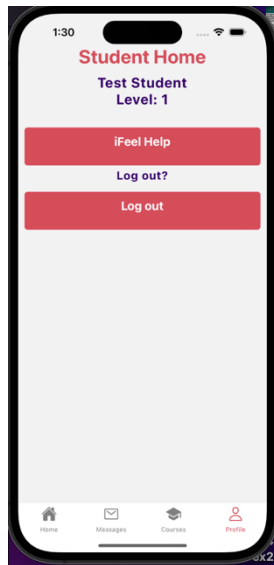


The average comparison will show here as a list.

If the student has recorded some risk zones, the option to message the tutor will appear here. If there is online help related to this lab, a button that directs to this webpage will show.

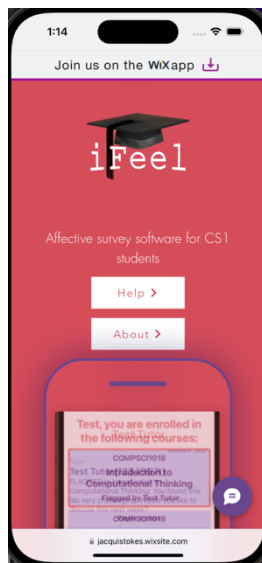
Profile – Student

The student profile looks like this.



iFeel Help

If the user presses the 'iFeel Help' button they will be navigated to a webpage which will detail a guide of how to use the application

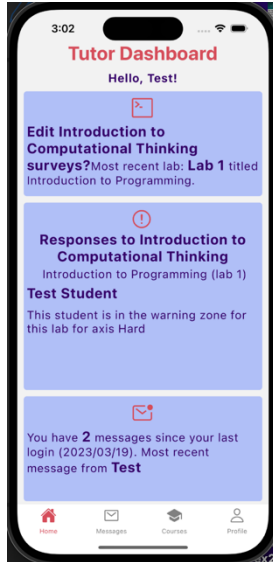
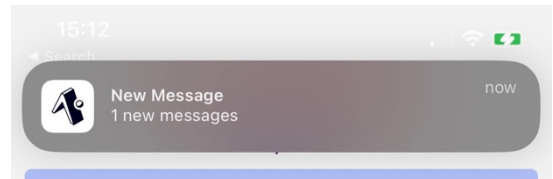


Log out

The 'Log out' button will log out the user and return to login page.

Logged in as tutor

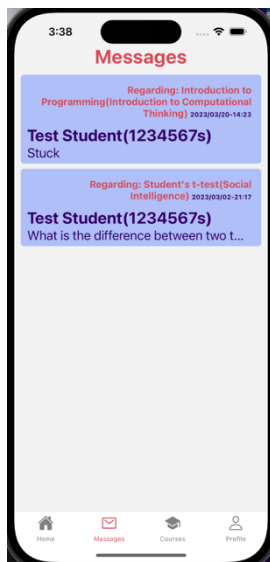
Logging on to a tutor account will direct them to the tutor dashboard. Once logged in the user will also receive a notification counting recent messages.



This is how the dashboard will appear. It shows the most recently occurring lab, the responses to most recently occurring lab, and any new messages.

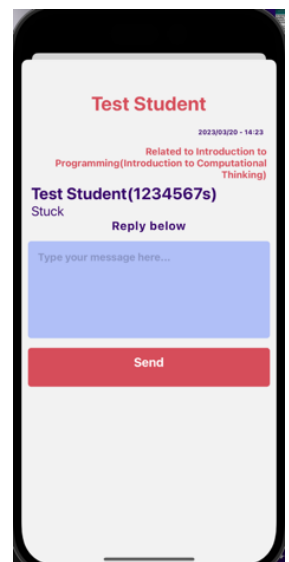
Messages - Tutor

Messages appear in a list ordered by most recent.



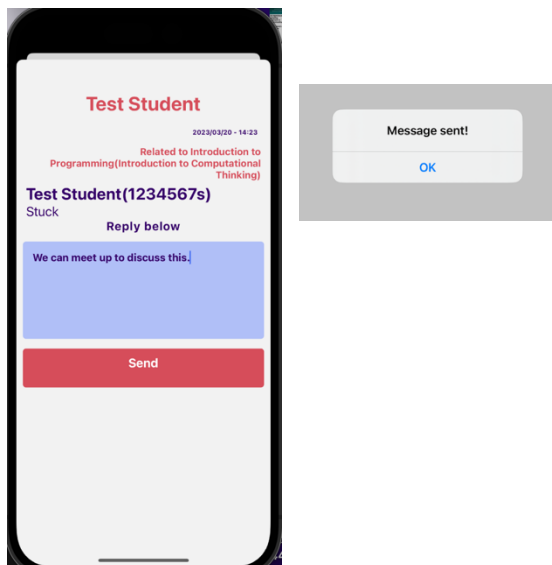
The left image shows how messages appear when the tutor opens their messages.

The image to the right shows the screen that appears once the tutor presses a message. Here they have the option to reply. This message will also show details of the lab it is related to, if it is related to one. This is because students can choose to send a message to the tutor when they record a lower-than-expected response.



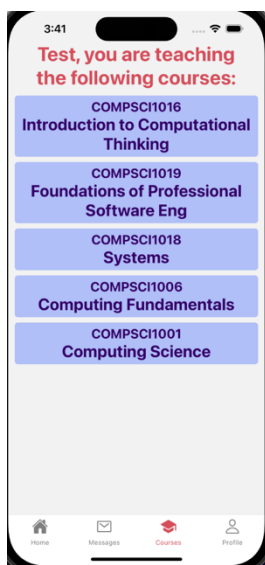
Replying to a message

Once the message is selected, the tutor may type text in the text box to reply and then press send. They will receive an alert like the one below notifying them that the message has been sent.



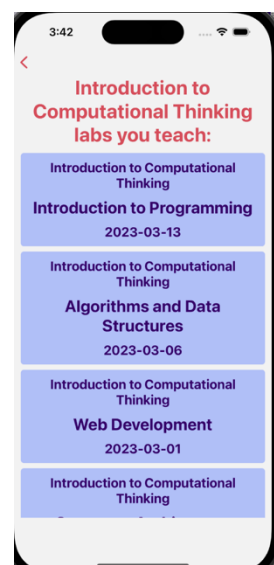
Courses - Tutor

Upon navigating to courses the tutor will be presented with a screen like the one on the left.

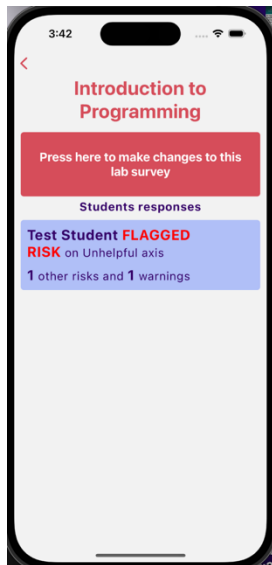


Following this, the tutor can tap any of the courses to view labs for the associated course.

Once a course is tapped a screen like the one seen on the right will appear.



Once an individual lab is pressed the tutor can see a list of responses recorded for that lab.

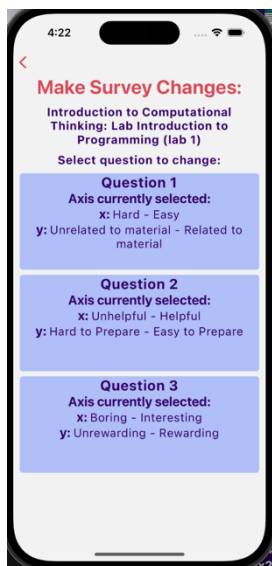


This can be seen on the left. Here, the students risks are presented in a readable way.

On this screen the tutor can also chose to edit the survey.

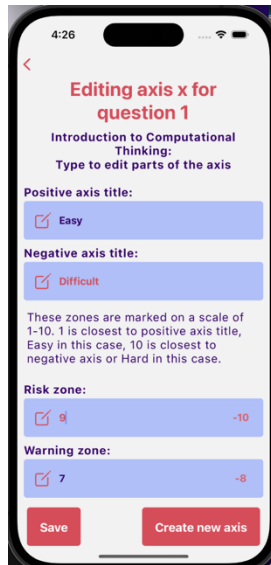
Survey Edit

If 'Press here to make changes to this lab survey' is pressed, the tutor is directed to a screen like this one, displaying the questions and axis connected to them.



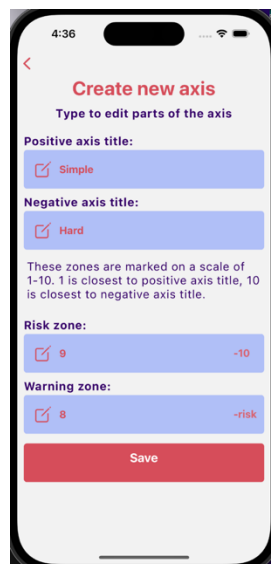
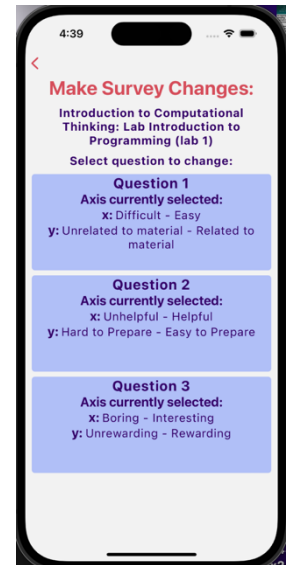
If one of the questions is pressed, the tutor will be redirected to an 'Editing Question' page which will allow the tutor to edit axis' connected to the survey question.



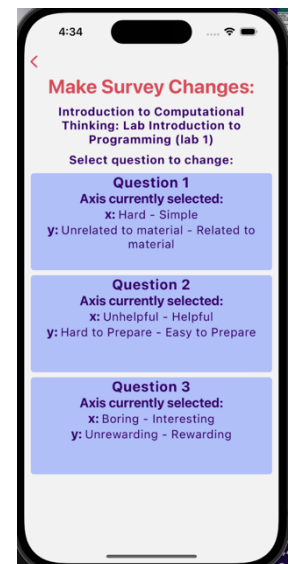


This is the screen that will show when an axis is being edited. If the tutor decided to change 'Hard' on negative axis to 'Difficult', like seen here, the tutor can press 'save' and this axis will be changed. This can be seen on the right.

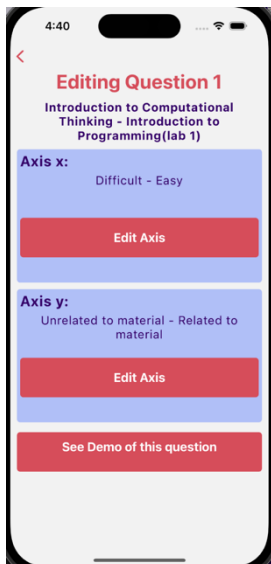
The tutor can also create a new axis by selecting 'create new axis'.



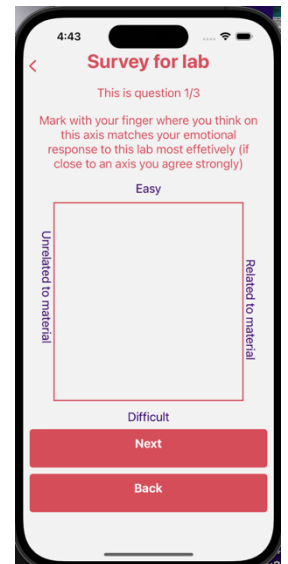
If create new axis is pressed, the tutor can create a new axis for this question as seen on the left. Upon 'save' selected, the tutor is navigated back to the questions, with the updated axis.



If a survey doesn't exist, the tutor will have the option to use default affective questions or to enter each question individually.

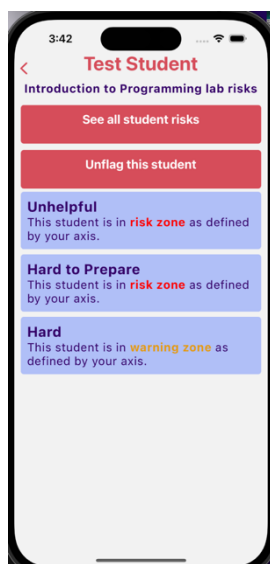


To see a demo of the question, press a question, and press 'See Demo of this question'. Once selected, the screen on the right will be shown.

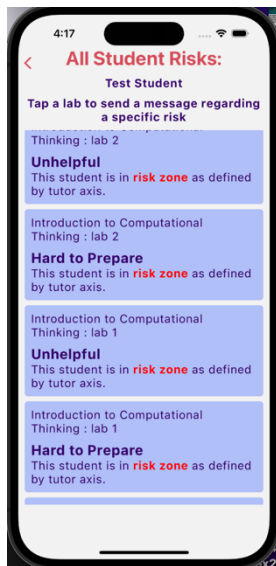


Student Risks

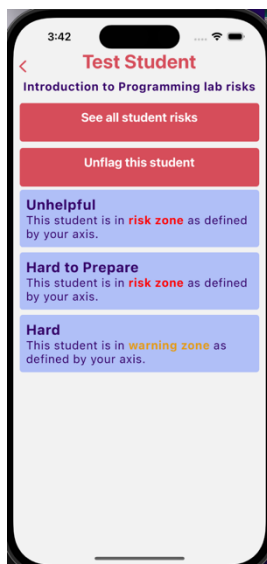
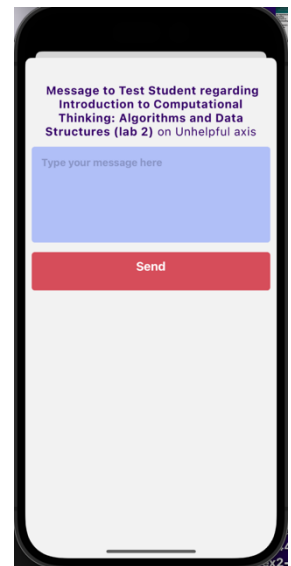
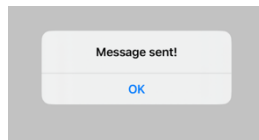
If the bubble containing the student's name and risks is pressed, the tutor is directed to the students' risk page which will list all risks for this lab as well as their flagged status.



The tutor can unflag/flag the student here or move to all student risks which will display all of this student's risks for all labs they are enrolled in.

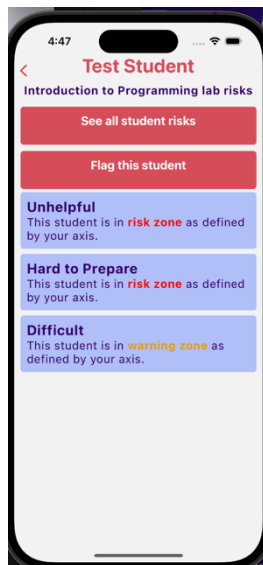


Pressing 'See all student risks' navigates the tutor to a page like the one seen on the left. If a tutor taps one of these risks, they are navigated to a new message pop up. This can be seen on the right. Once a message is typed and sent, the tutor is navigated back to messages after receiving a pop up.

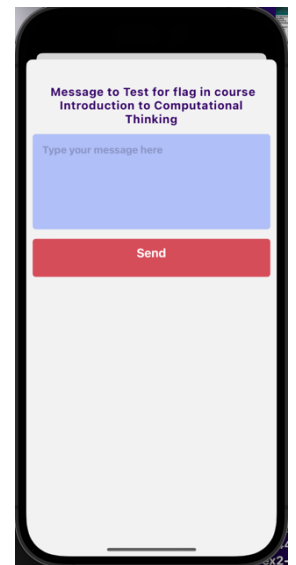
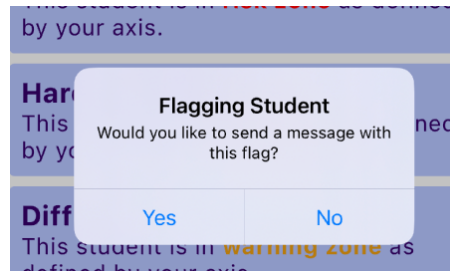


Manually Unflagging/Flagging Student

If the student is flagged, the tutor can press 'Unflag this student' and the tutor will be redirected to courses and the student will be unflagged.

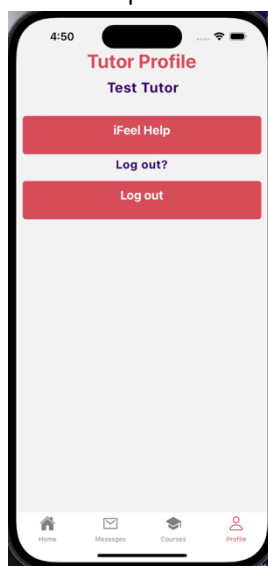


If the student is not flagged, the tutor can press 'Flag this student' and then they will be asked if they want to send a message with this flag like seen below. If the tutor presses no, they are redirected to the dashboard, otherwise they are given a message pop up like seen on the right.



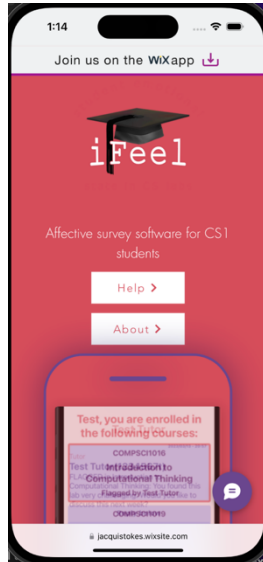
Profile – Tutor

The tutor profile looks like this.



iFeel Help

If the user presses 'iFeel Help' button they will be navigated to a webpage which will detail a guide of how to use the application



Log out

'Log out' button will log out user and return to login page.

Making Changes to the database

The admin site, accessible with the tutor account above with credentials

username : 1234567t and password : testpassword

Is hosted at <https://app-production-1e3f.up.railway.app/admin>

This page looks like so:

iFeel Admin Panel

Username:

Password:


This provides access to all the objects registered in the database. The admin can create new users, new students, new tutors, new courses, new labs, and any others relevant to the application. This also allows any changes to be made.

This is the full list of tables that can be accessed by the admin.

<u>Users</u>	<u>Add</u>
<u>Db</u>	
<u>Axis averages</u>	<u>Add</u>
<u>Axis labels</u>	<u>Add</u>
<u>Courses</u>	<u>Add</u>
<u>Labs</u>	<u>Add</u>
<u>Messages</u>	<u>Add</u>
<u>Questions</u>	<u>Add</u>
<u>Student enrolls</u>	<u>Add</u>
<u>Student lab risks</u>	<u>Add</u>
<u>Student surveys</u>	<u>Add</u>
<u>Students</u>	<u>Add</u>
<u>Surveys</u>	<u>Add</u>
<u>Tutor teachings</u>	<u>Add</u>
<u>Tutors</u>	<u>Add</u>

Navigating to user, users can be added here and then appointed staff/ not staff.

- [Add user](#)



 Search

Search

Action:

Go

 0 of 2 selected

<input type="checkbox"/>	Username	Email address	First name	Last name	Staff status
<input type="checkbox"/>	1234567s	1234567s@student.gla.ac.uk	Test	Student	 False
<input type="checkbox"/>	1234567t	1234567t@glasgow.ac.uk	Test	Tutor	 True

Add user

First, enter a username and password. Then, you'll be able to edit more user options.

Username:

Required. 150 characters or fewer. Letters, digits and @/./+/-/_ only.

Password:

- Your password can't be too similar to your other personal information.
- Your password must contain at least 8 characters.
- Your password can't be a commonly used password.
- Your password can't be entirely numeric.

Password confirmation:

Enter the same password as before, for verification.

Save

Save and add another

Save and continue editing

If the admin wishes to add a new course, they can do so as follows:

Opening course table and navigating to add course

- [Add course](#)

Action: 0 of 9 selected

<input type="checkbox"/>	<u>Id</u>	<u>Title</u>	<u>Level</u>	<u>Start date</u>	<u>End date</u>
<input type="checkbox"/>	<u>COMPSCI408</u>	Social Intelligence	4	Jan. 9, 2023	Jan. 9, 2023
<input type="checkbox"/>	<u>COMPSCI405</u>	HCI	4	Jan. 9, 2023	Jan. 9, 2023
<input type="checkbox"/>	<u>COMPSCI401</u>	Networked Systems	4	Sept. 7, 2022	Jan. 23, 2023
<input type="checkbox"/>	<u>COMPSCI1021</u>	Practical Algorithms	1	Sept. 19, 2022	March 24, 2023
<input type="checkbox"/>	<u>COMPSCI1019</u>	Foundations of Professional Software Eng	1	Sept. 11, 2022	Dec. 2, 2022
<input type="checkbox"/>	<u>COMPSCI1018</u>	Systems	1	Sept. 12, 2022	Dec. 23, 2022
<input type="checkbox"/>	<u>COMPSCI1016</u>	Introduction to Computational Thinking	1	Sept. 12, 2022	Dec. 23, 2022
<input type="checkbox"/>	<u>COMPSCI1006</u>	Computing Fundamentals	1	Sept. 11, 2022	Dec. 2, 2022

Add course

Id:	<input type="text"/>
Title:	<input type="text"/>
Level:	<input type="text"/>
Start date:	<input type="text"/>
End date:	<input type="text"/>

Save

Save and add another

Save and continue editing

This admin site is only intended to be used to add all details at the beginning of the academic year or semester. Once students, tutors, courses and labs are added alongside tutor teaching and student enrolments, the app will be fully functional and all of the rest of the additions in terms of surveys and questions can be made from the app.