



i'TALEEMC Series

Implementing Safe Exam Browser in i'TaLeEM Quiz

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PREFACE

When the Covid-19 pandemic hit Malaysia in March 2020, the higher education institutions were closed following the Movement Control Order. The teaching and learning including assessment for and of learning were performed online. The Emergency Remote Teaching and Learning (ERTL) Exam Unit was initiated to research and establish an optimum online assessment system for the department. We were then ready to befriend iTa'leEMc, which was foreign to us. The journey was long and arduous and we wish that this e-Book shall help our comrades to pave the pathway to optimize the Quiz feature in i-TaleEMc for the online assessment purpose.

HAZULIN MOHD RADZUAN



ACKNOWLEDGEMENTS

All praise to Allah SWT, the Most Gracious and Most Merciful.

We would like to extend my sincerest thank you to Prof. Dr. Imad Ad-Deen, our beloved Head of Department, Dr Soraya, the then-chief of ERTL Exam Unit, and members of the department for the opportunity to be part of the team. Special appreciation to Assoc. Prof. Dr. Mira Kartiwi, Prof. Dr. Noor Lide and their team in Centre of Professional Development for always helping us out when we are in need. The content of this book comes from our experience gained over the one year plus of conducting online integrated assessment in Kulliyah of Medicine. It serves as guidance to all lecturers on how to upload OSPE or data picture questions in the i-Ta'LeEmC effectively.

May this e-Book benefit you too, insya-Allah.

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INTRODUCTION

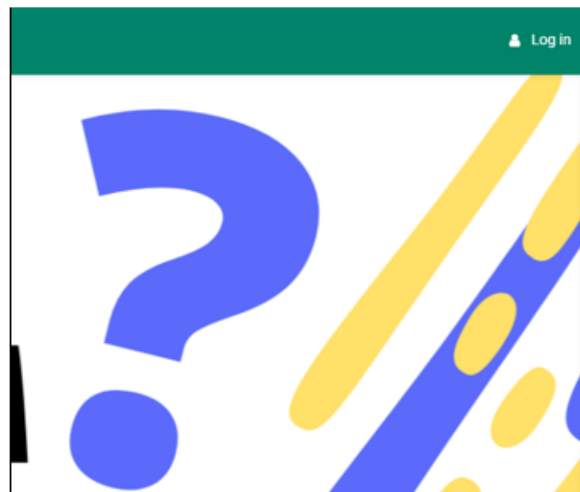
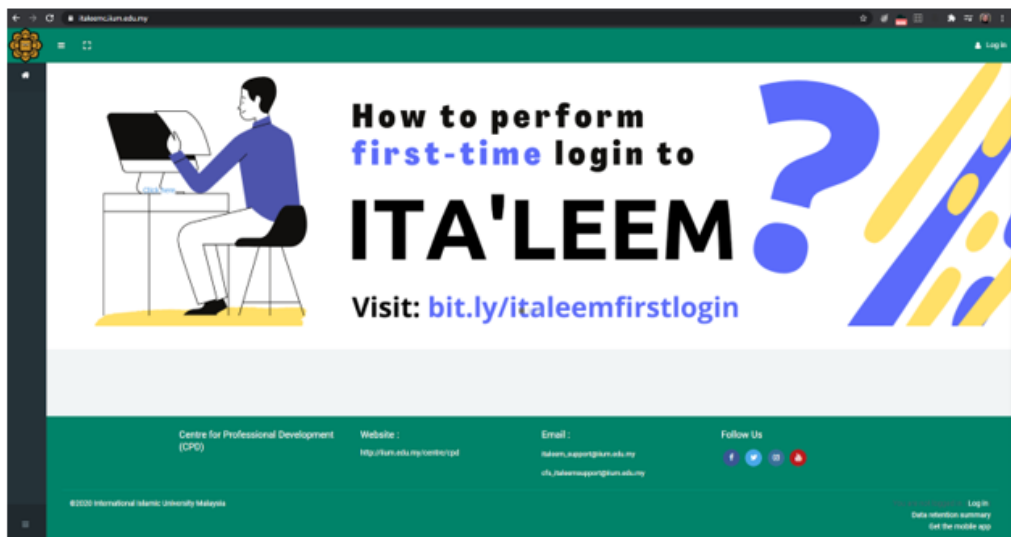
Logging in i'TaLeEMc



[HTTPS://ITALEEMC.IIUM.EDU.MY](https://italeemc.iium.edu.my)

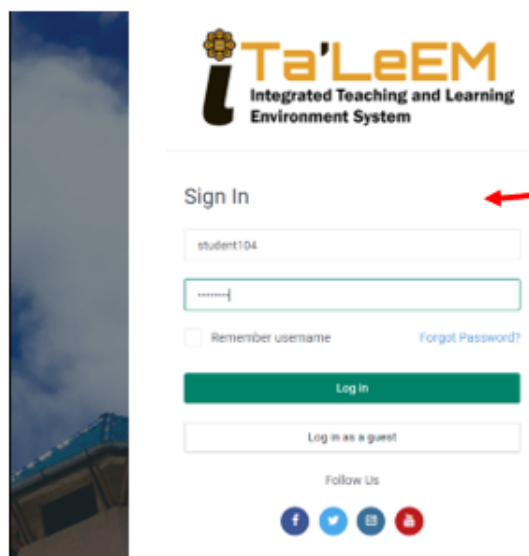


Step i: Go to <https://italeemc.iium.edu.my/>





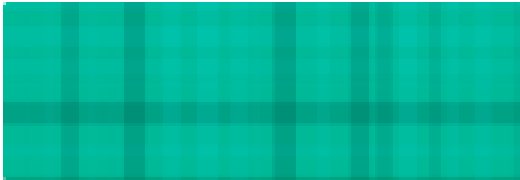
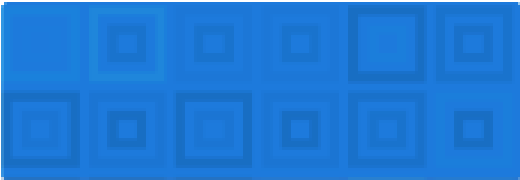
Step ii: Fill in the username and password






Step iii: Select the course code


Recently accessed courses


	
MEDICINE SEM2 MBBS 2310 THE ENDOCRINE, R...	MEDICINE SEM1 MBBS 1210 NORMAL RESPONSE A...




Step iv: Choose the paper to be answered.

EXAM UNIT TRIAL

 OSPE TRIAL (PAPER 1)

 MEQ TRIAL (PAPER 1)





If you do not have 'Safe Exam Browser', installed in your device, you will see this layout after you choose your exam paper.

MEQ TRIAL (PAPER 1)

This quiz opened at Thursday, 25 March 2021, 8:00 AM

This quiz will close on Tuesday, 25 May 2021, 8:00 PM.

This quiz has been configured so that students may only attempt it using the Safe Exam Browser.

Grading method: Highest grade

The config key or browser exam keys could not be validated. Please ensure you are using the Safe Exam Browser with correct configuration file.

[Download Safe Exam Browser](#)

[Launch Safe Exam Browser](#)

[Download configuration](#)

[Back to the course](#)

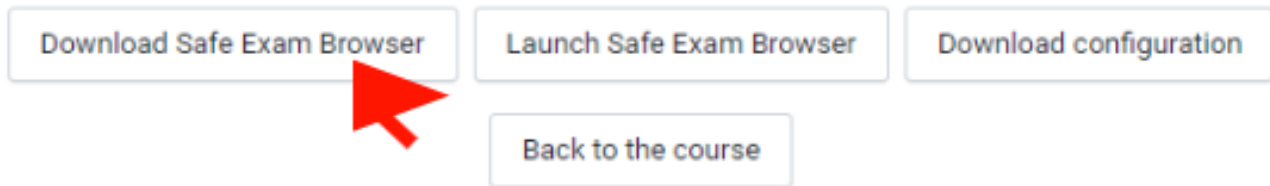
CHAPTER 1

Download 'Safe Exam Browser' using Windows



[HTTPS://ITALEEMC.IIUM.EDU.MY](https://italeemc.iium.edu.my)

Step 1.1: Click on the 'Download Safe Exam Browser' button as seen in the previous page.



Step 1.2: Choose the operating system that is suitable to your device and click it to start downloading.

Current Versions for [Windows](#), [macOS](#) and [iOS](#)

Software extensions for supported Learning Management Systems: [Moodle](#), [ILIAS](#).

Windows

[Safe Exam Browser 3.1 for Windows](#)

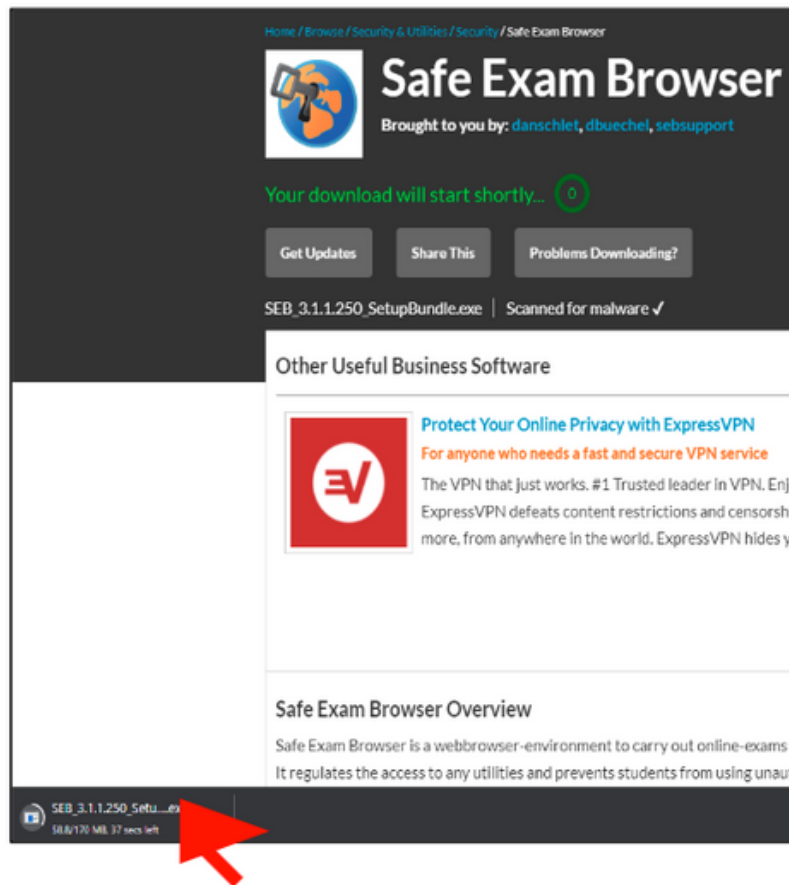
Safe Exam Browser 3.1.1 for Windows 8.1 and 10
SHA1: `dcd8628ad745c8aaaae8Ebbfc4b7F40E433840441`

[Download from GitHub project site.](#)

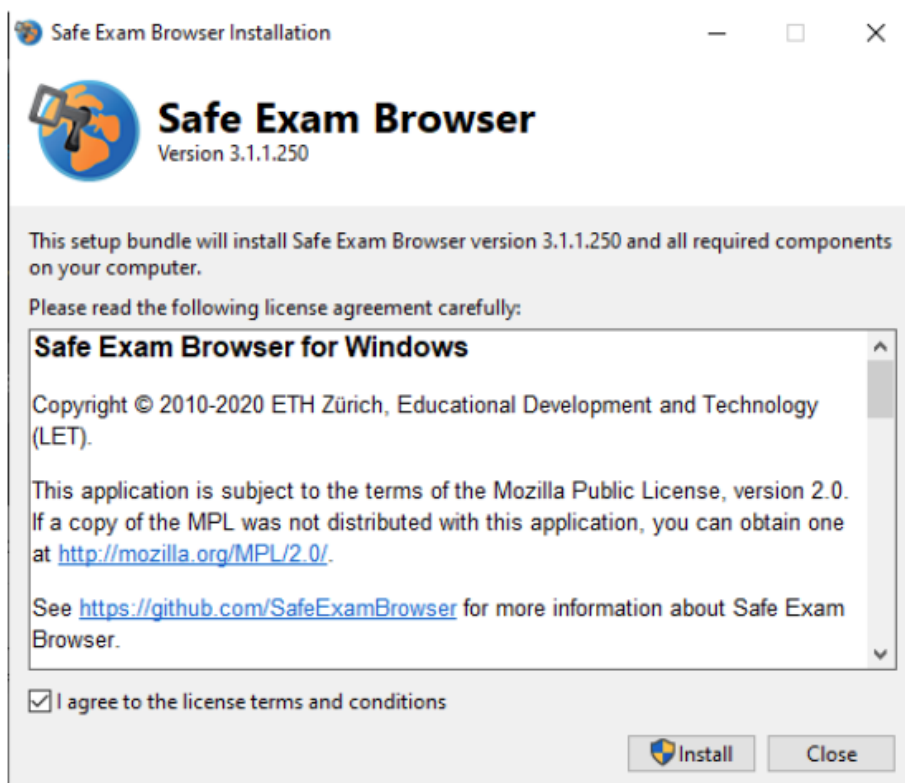
This update adds new functionality for the SEB Server integration with Moodle and fixes a few issues reported by the community. Below a list of the most prominent new features and changes:

- Added support for exam ID in SEB Server configurations.
- Added support for secured quizzes with SEB Server and Moodle 3.9 (Deeper Integration).
- Added support for battery and WLAN status logging with SEB Server.
- Ensured missing machine info doesn't prevent startup.
- Ensured remote connections are recognized during startup.
- Fixed CORS issues.
- Replaced VC++ 2015 Redistributable with VC++ Redistributable 2015-2019 In setup bundle.
- Updated browser engine to version 86.0.24 (Chromium version 86.0.4240.198).

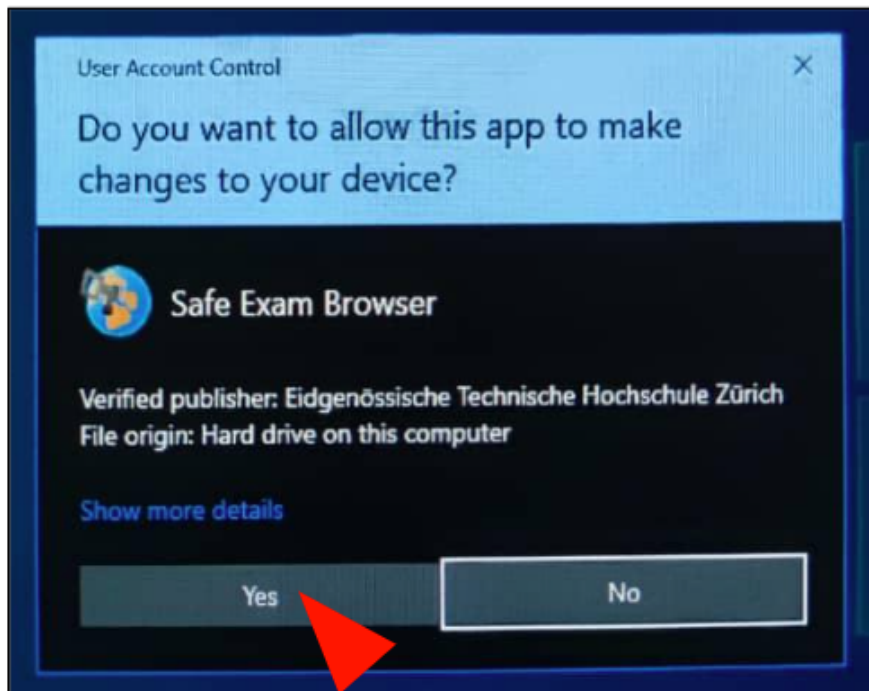
Download in progress.



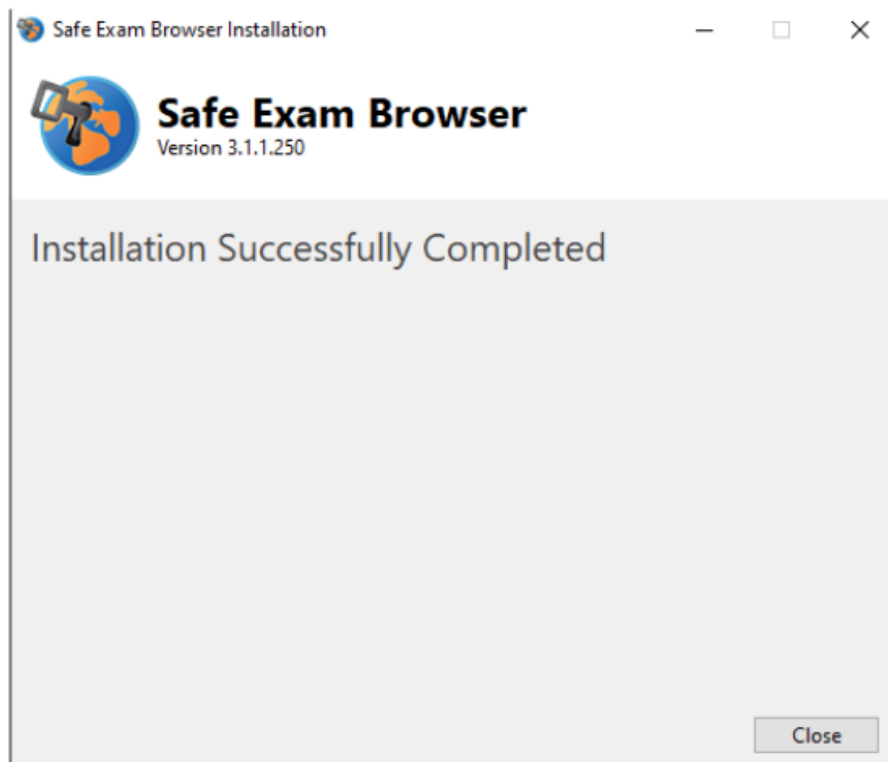
Step 1.3: Click 'I agree to the license terms and conditions', then click the 'Install' button.



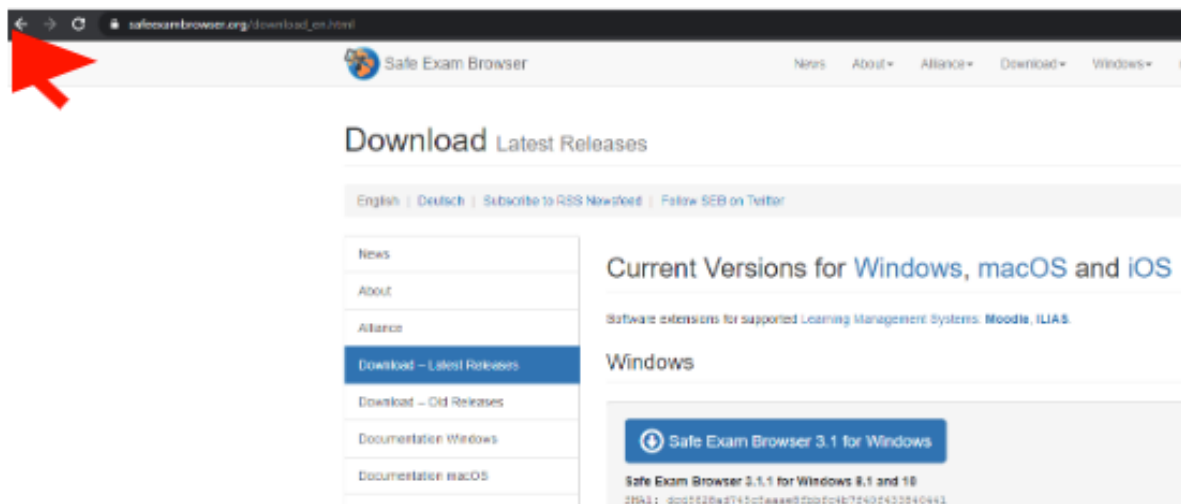
Step 1.4: Notification popped out and select 'Yes' (instead of default 'No').



Step 1.5: Once installation successfully completed, click 'Close' button.



Step 1.6: Then, go back to the initial page that was used to install 'Safe Exam Browser' and click button (image in Step 2.2).



Step 1.7: You will be directed to the previous page and click 'Launch Safe Exam Browser' button.

MEQ TRIAL (PAPER 1)

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This quiz has been configured so that students may only attempt it using the Safe Exam Browser.

Grading method: Highest grade

The config key or browser exam keys could not be validated. Please ensure you are using the Safe Exam Browser with correct configuration file.

Download Safe Exam Browser

Launch Safe Exam Browser

Download configuration

Back to the course



Download Safe Exam Browser

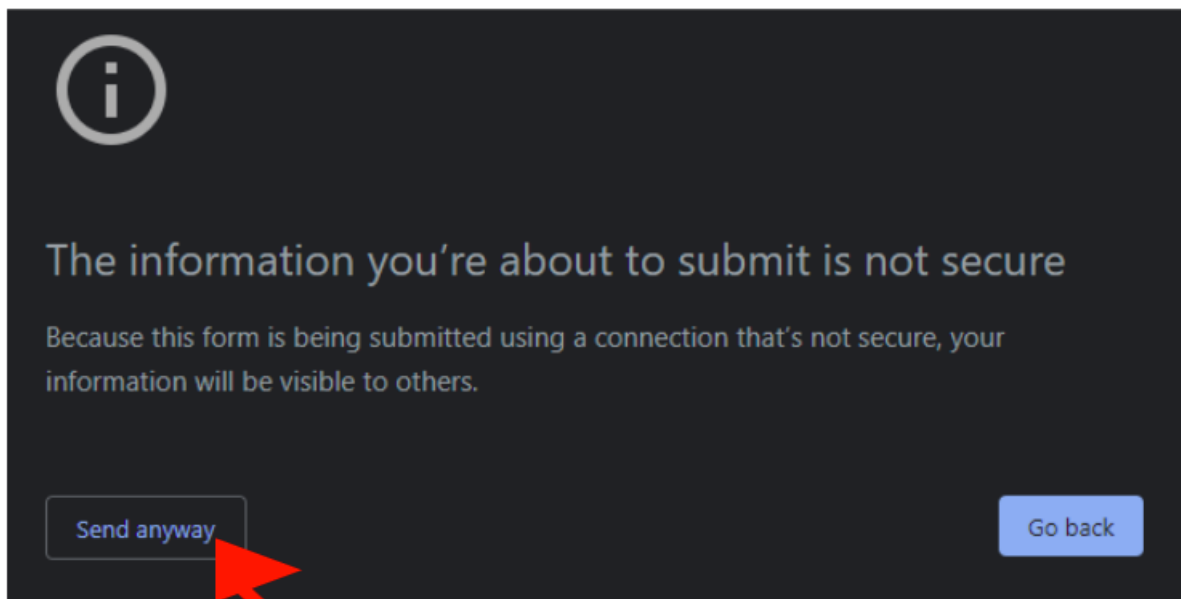
Launch Safe Exam Browser

Download configuration

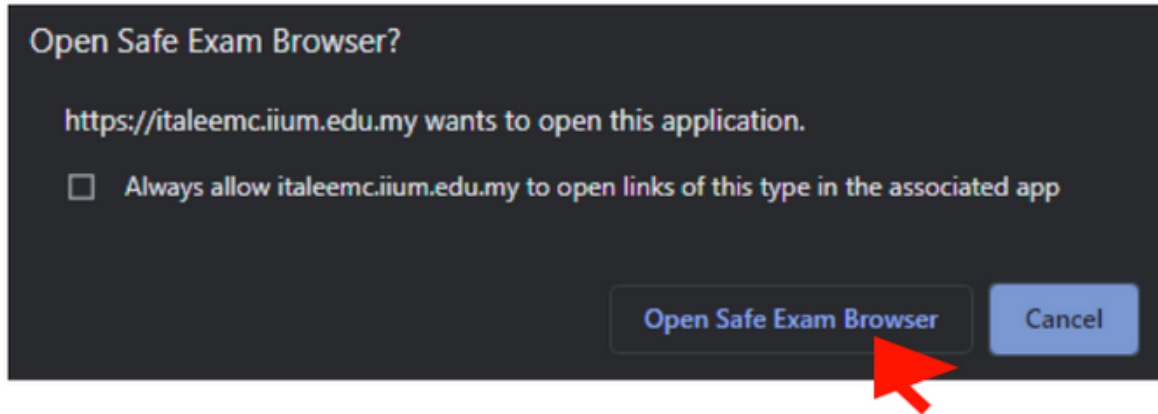
Back to the course



Step 1.8: Notification appeared stating that your information (exam paper) will be accessible and visible to others (your examiner). Click 'Send anyway' button instead of default button ('Go back').



Step 1.9: Allow 'Open Safe Exam Browser' by clicking the button.

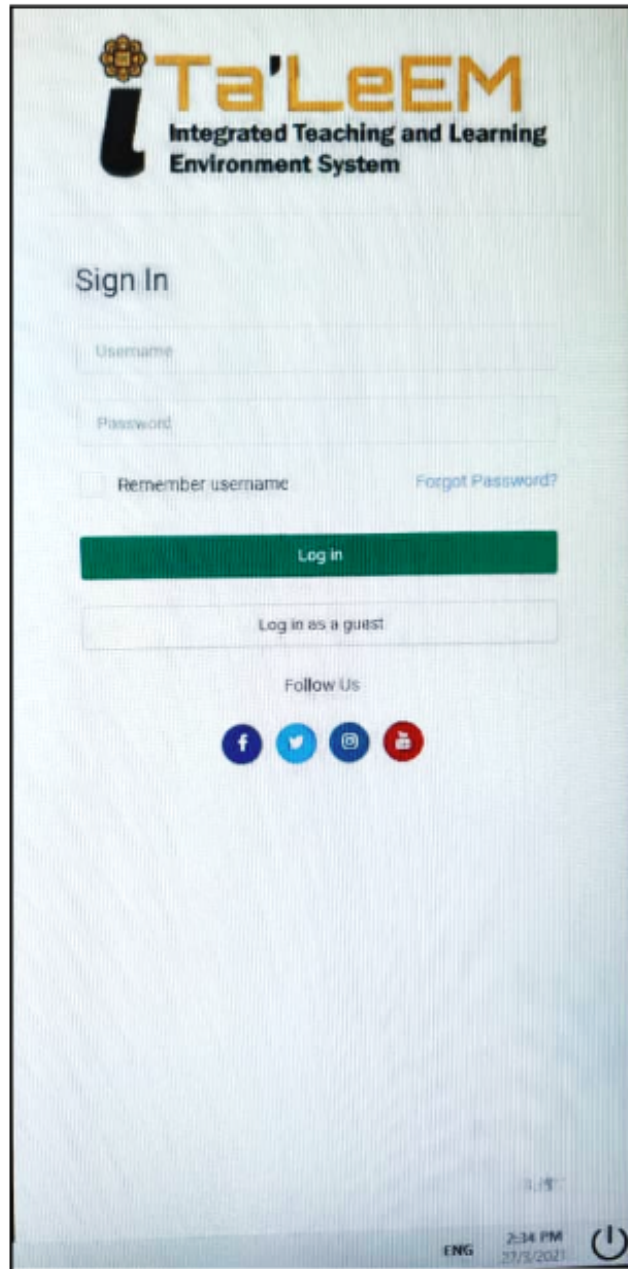


Then, initializing configuration notification will be shown.



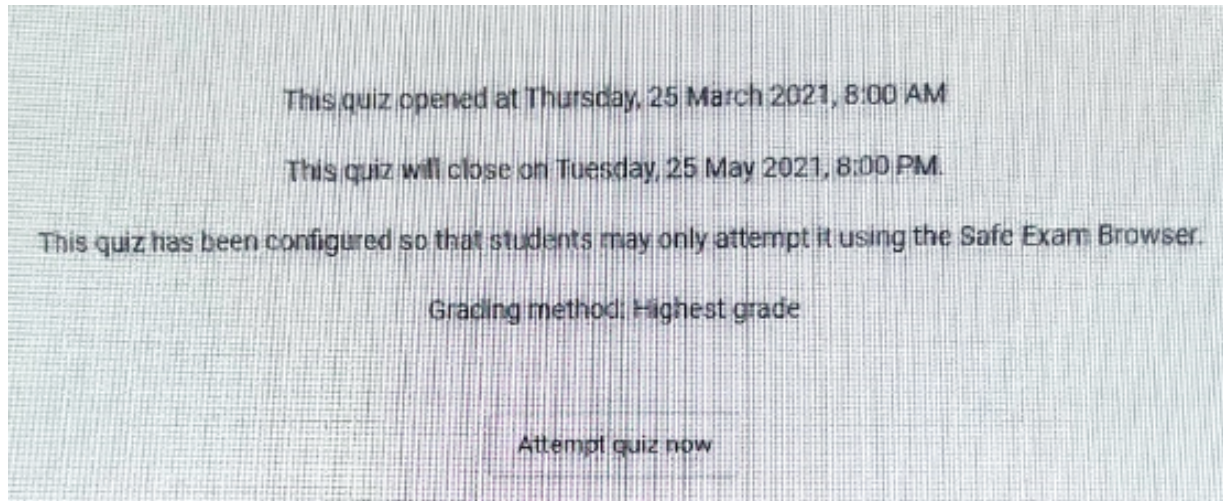
Initializing configuration...

Step 1.10: You will be directed to log into iTaLeEM again, but in 'Safe Exam Browser' mode.



You know you are in 'Safe Exam Browser' mode when you can see the 'Start' button at the right lower corner of the screen.

Step 1.11: You will be directed to attempt your exam paper.



You can refresh your page by clicking on the button showed by red arrow.

SEM2 MBBS 2310 THE ENDOCRINE, REPRODUCTIVE AND URINARY SYSTEMS

MEQ 1

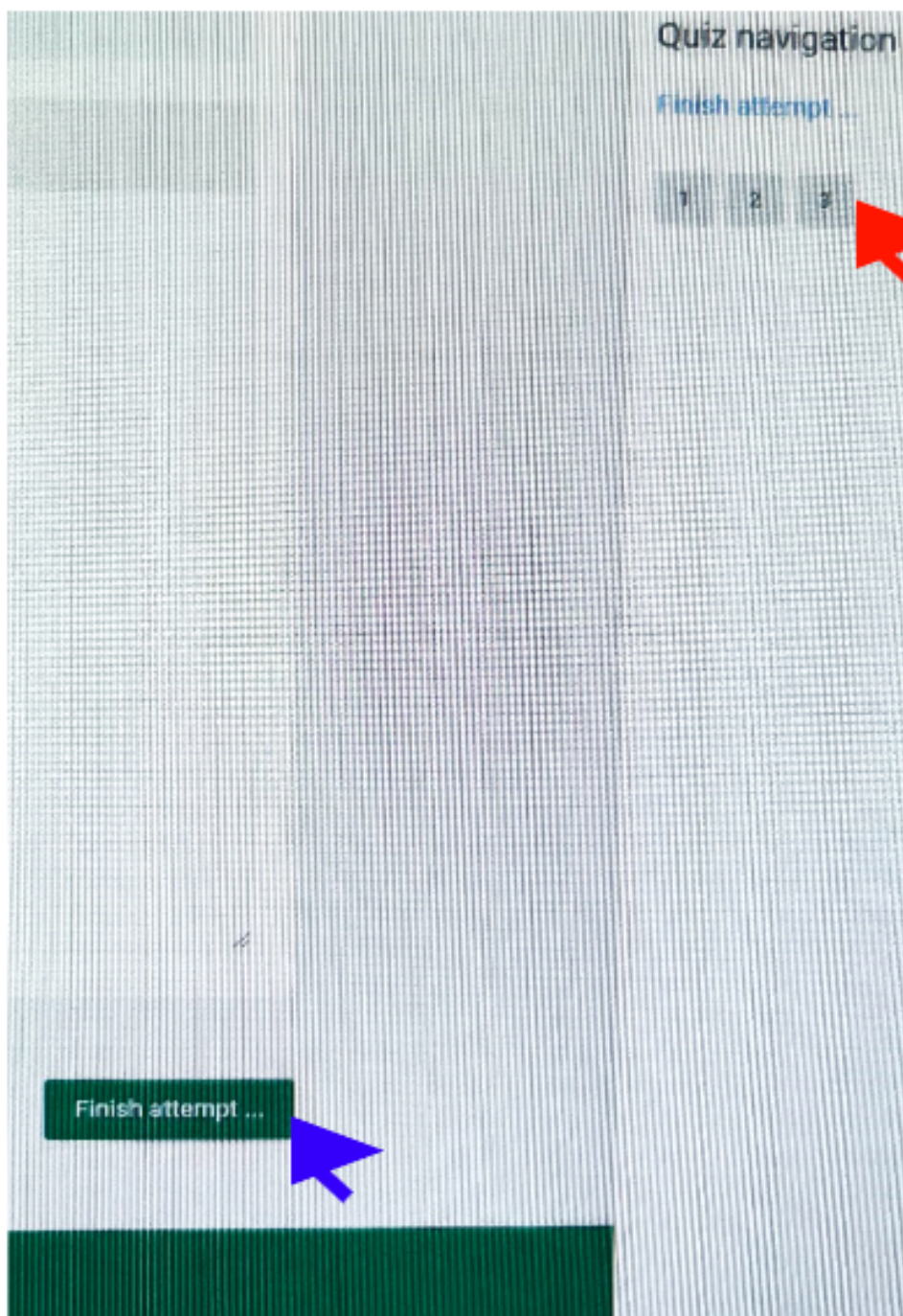
A 4-year-old Indian girl with pallor is seen by a Family Medicine physician in a health clinic. According to the mother, she has noted that the child is pale-looking for approximately 1 year. She however has not seek any treatment for it. For the past few months her daughter has become less active and appeared lethargic. She denies any history of bleeding tendencies and frequent episodes of fevers.

She was fully breast fed for the first 6 months of age and subsequently solid diet was introduced. She presently shares the family diet. The family members are strict vegetarians. Both parents work in oil palm plantation and earn a weekly salary of RM 150/week. She has four elder siblings.

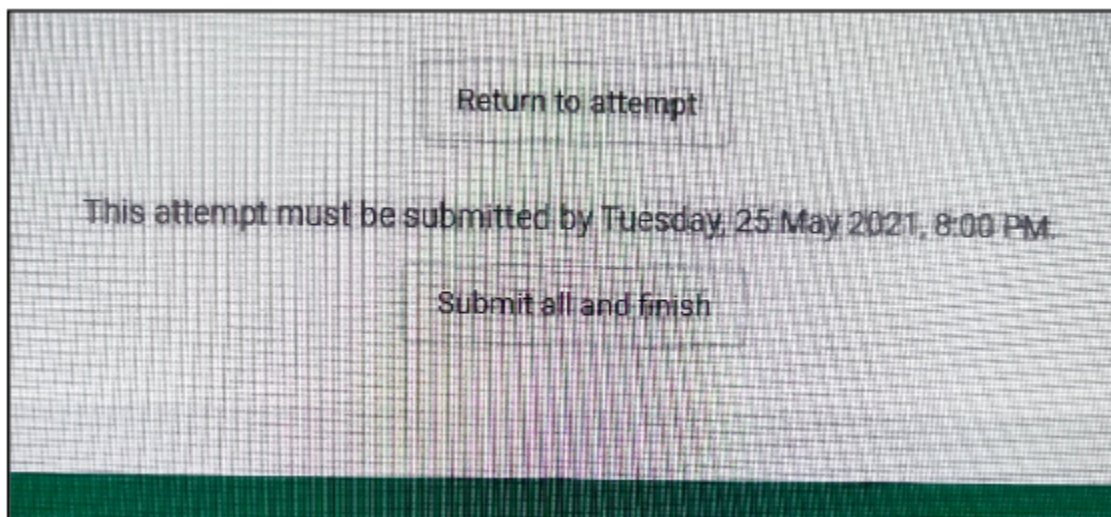
On examination the child is pale. There is no jaundice or lymphadenopathy. No bleeding tendencies are noted. The vital signs are normal. There is no hepatosplenomegaly.

Parameter	Result	Normal range
Haemoglobin	6.5 g/dl	11.0 - 14.0 g/dl
Haematocrit	27.2%	34 - 40%
Red cell count	$3.82 \times 10^{12}/L$	$4.0 - 5.2 \times 10^{12}/L$
Mean corpuscular volume	61.6 fl	75 - 87 fl
Mean corpuscular haemoglobin	19.9 pg	24 - 30 pg
Mean corpuscular haemoglobin concentration	16.5 g/dl	31 - 37 g/dl
Red cell distribution width	18.1%	12 - 14%
Reticulocytes	0.2%	0.5 - 2%

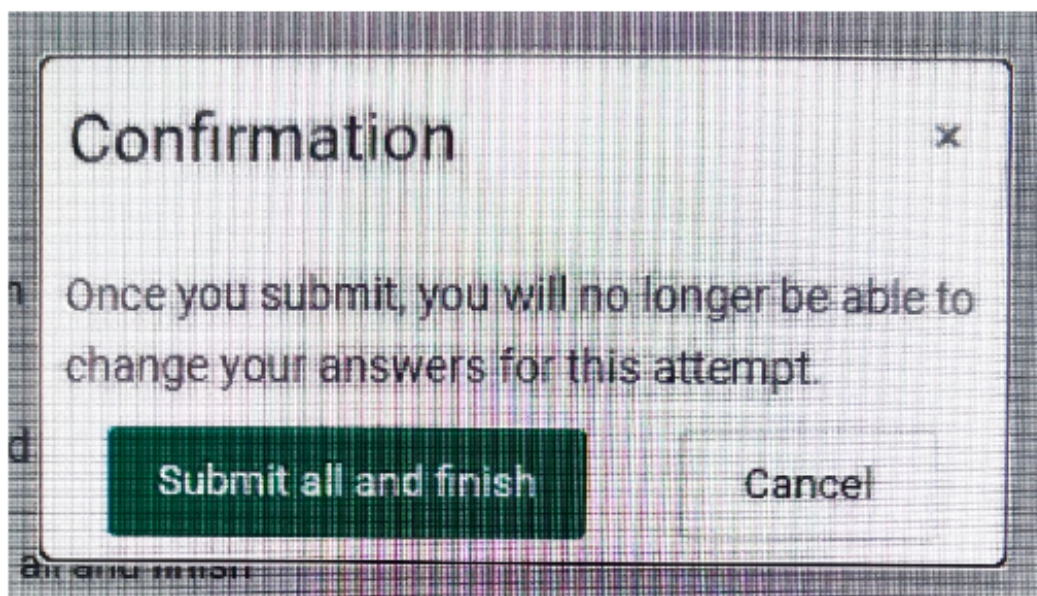
Step 1.12: After finished answering the questions, you can click 'Finish attempt' button (blue arrow). The number of questions is displayed at the right side of the screen (red arrow).



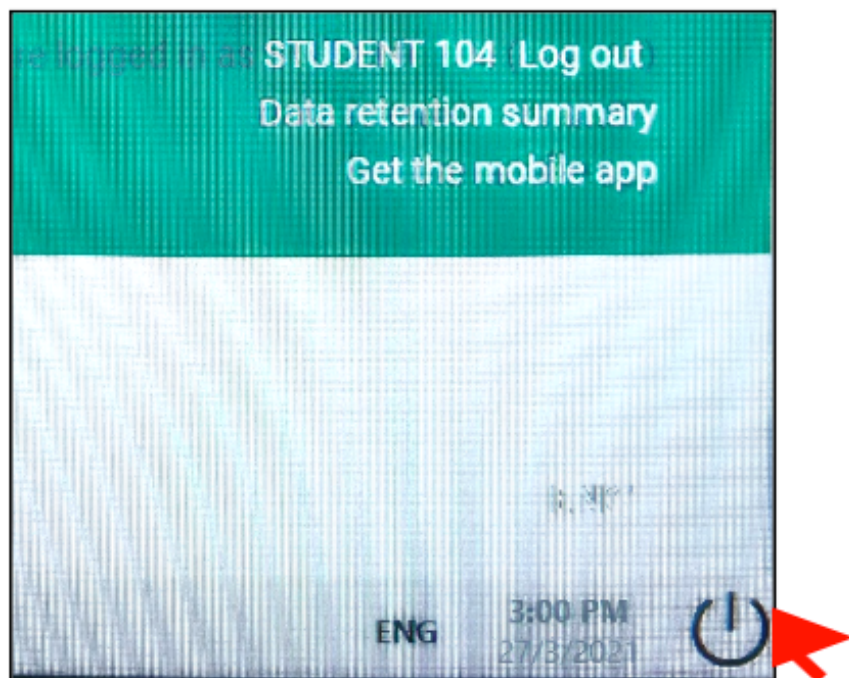
Step 1.13: Then, you need to click 'Submit all and finish'.



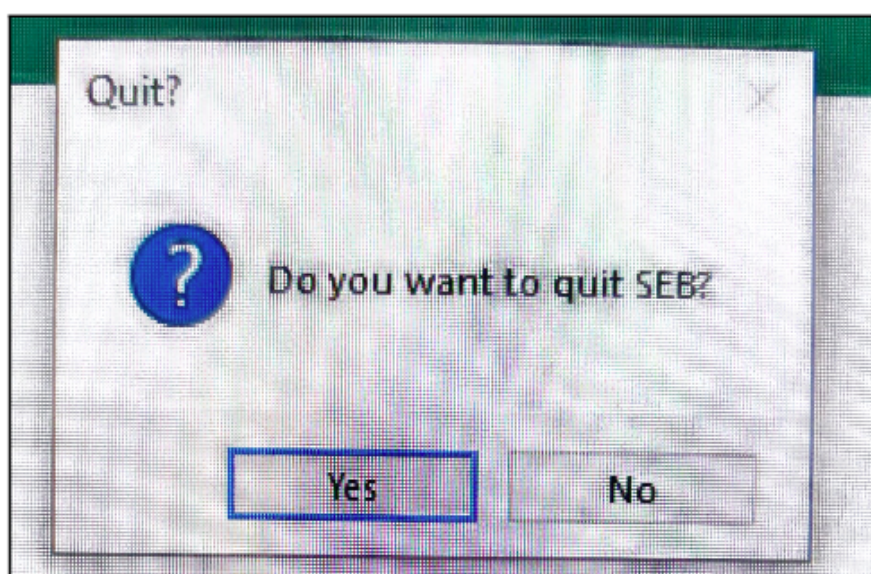
Double confirmation is needed before you can submit the paper.



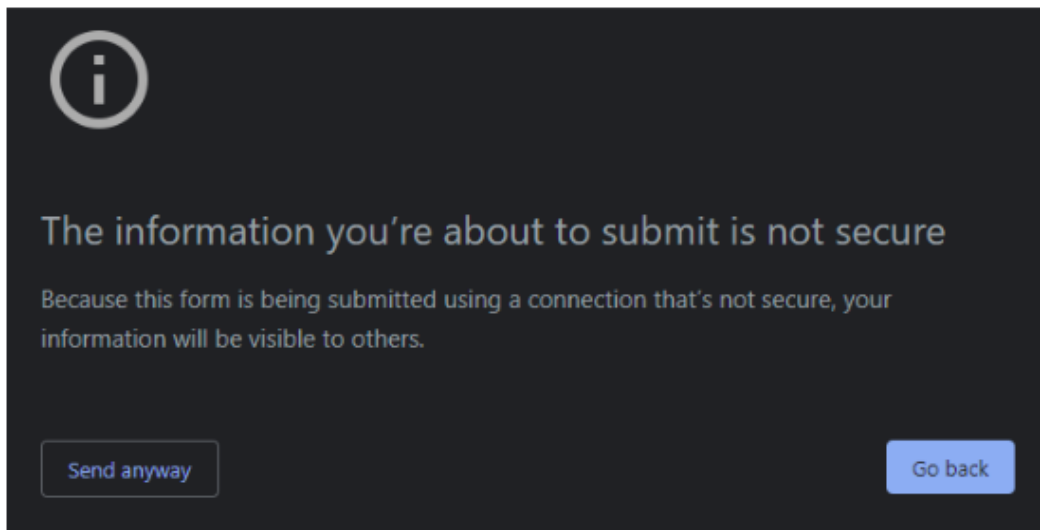
Step 1.14: You can quit 'Safe Exam Browser' by clicking the 'Start' button at the right lower corner of your screen.



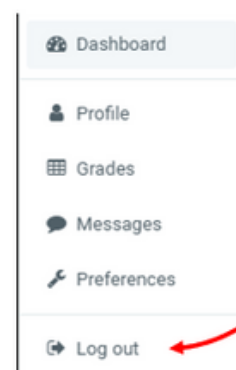
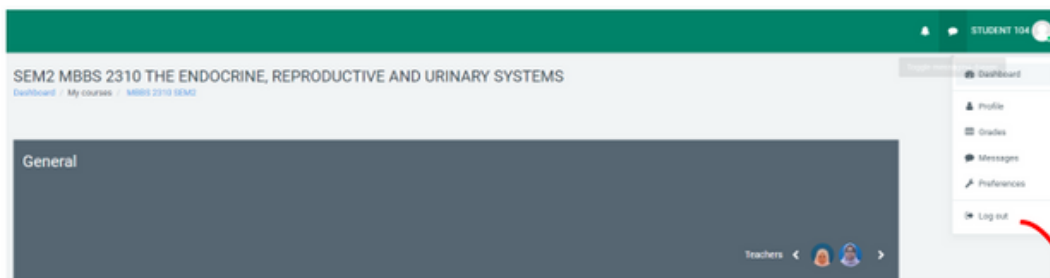
Step 1.15: Clicking 'Yes' button will bring you the previous iTaLeEM interface.



Step 1.16: You need to click 'Go back' button to bring you to the initial iTaLeEM website.



Step 1.17: This will bring you to the page where you need to click 'Back to the course'.

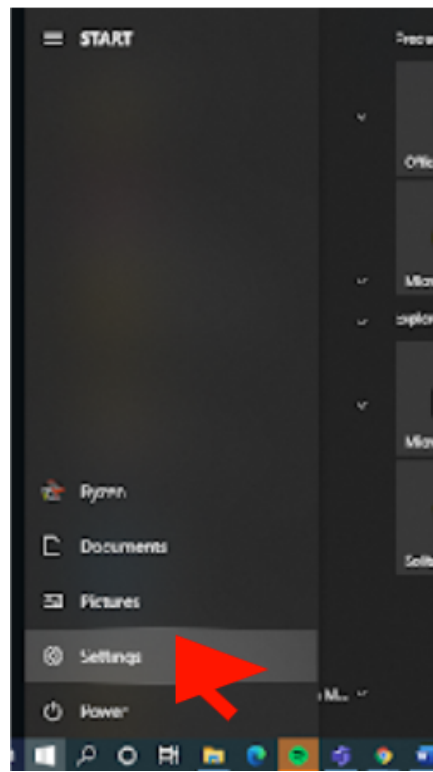


CHAPTER 2

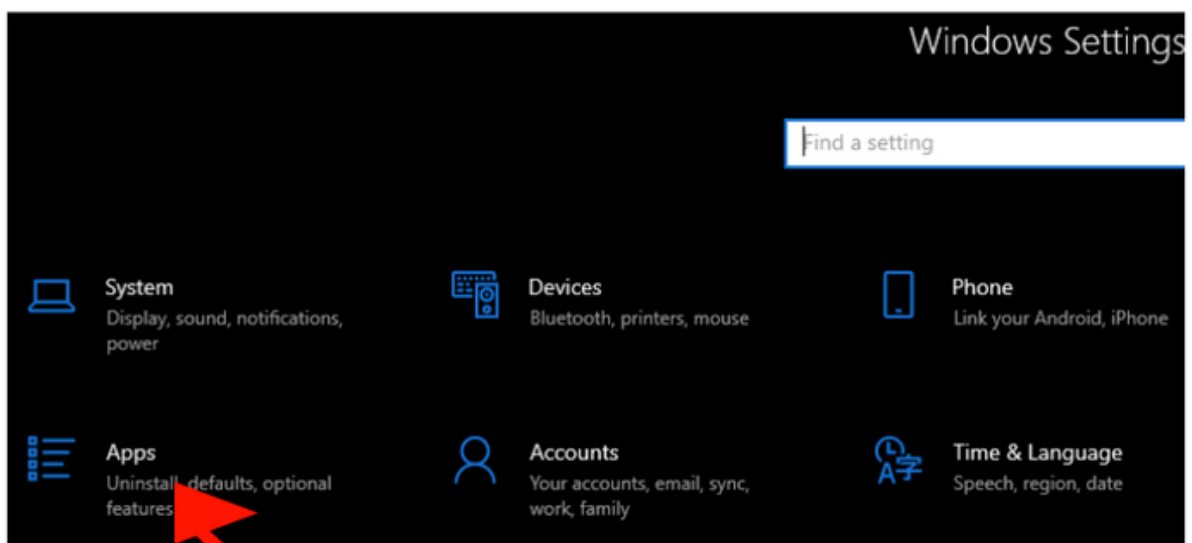
Uninstall 'Safe Exam Browser' for Windows



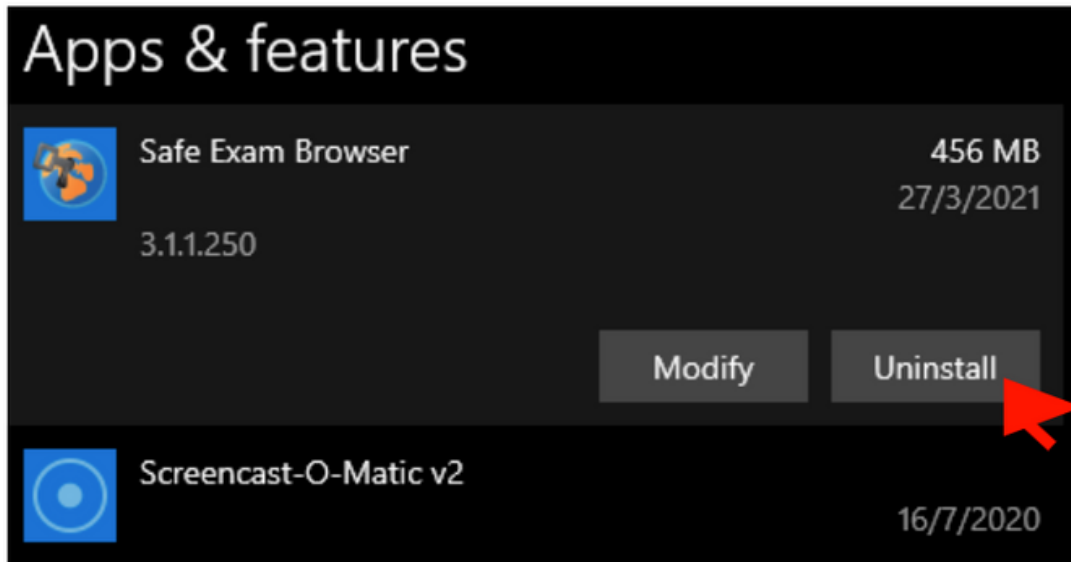
Step 2.1: Go to 'Start' button and select 'Settings'.



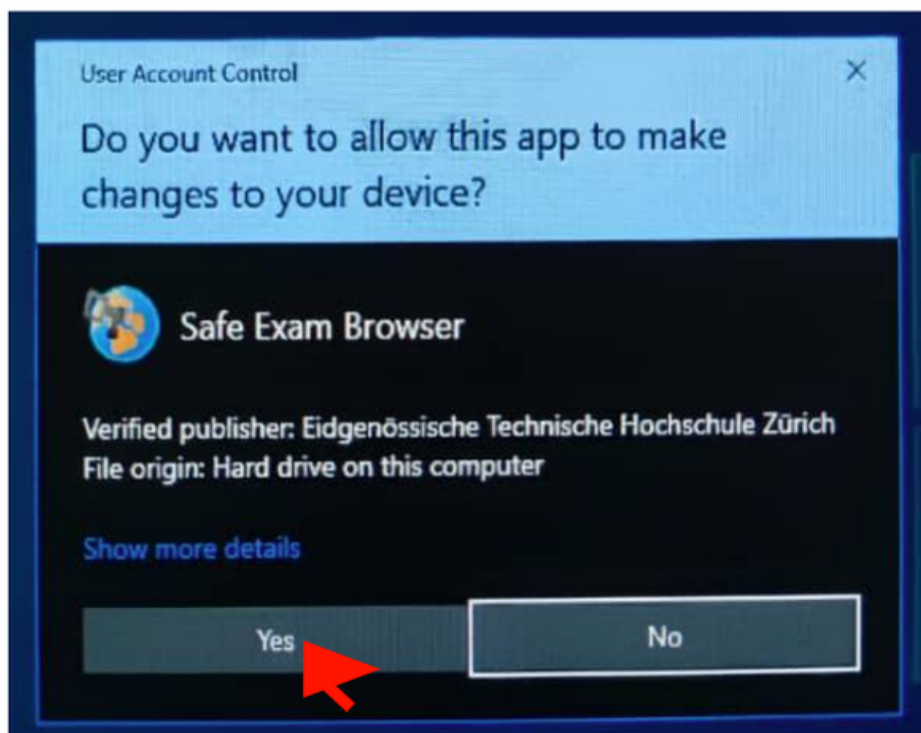
Step 2.2: Click 'Apps' under windows settings.



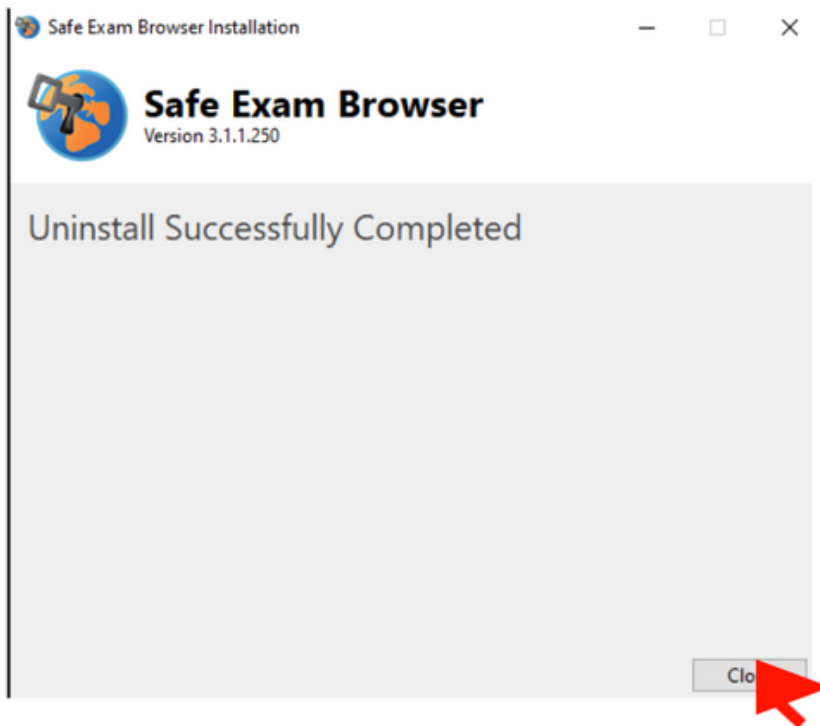
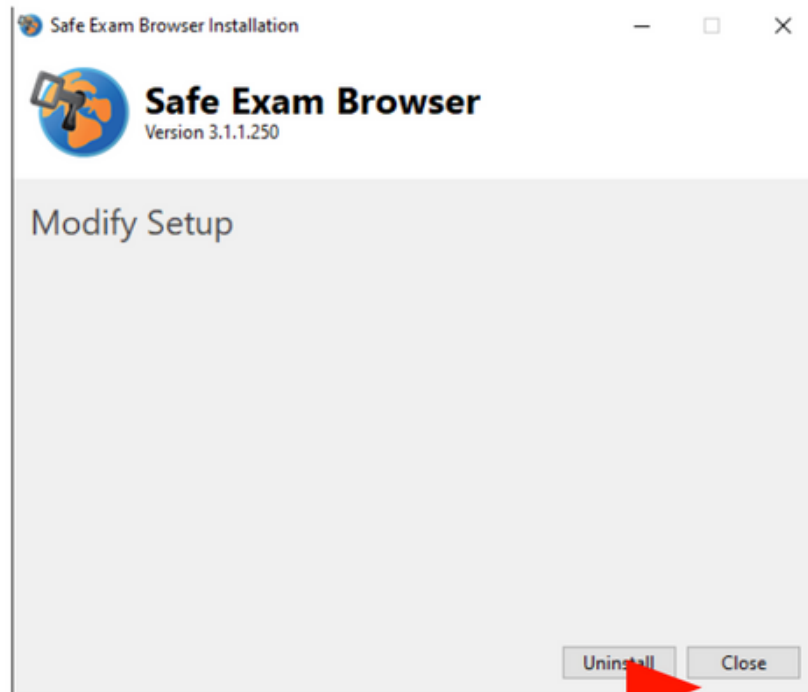
Step 2.3: Find 'Safe Exam Browser', click on it and choose 'Uninstall' button.



Step 2.4: Notification popped out and select 'Yes' (instead of default 'No').



Step 2.5: Click 'Uninstall' button; once it is completed, press on "Close' button.



CHAPTER 3

Download 'Safe Exam Browser'
using iOS

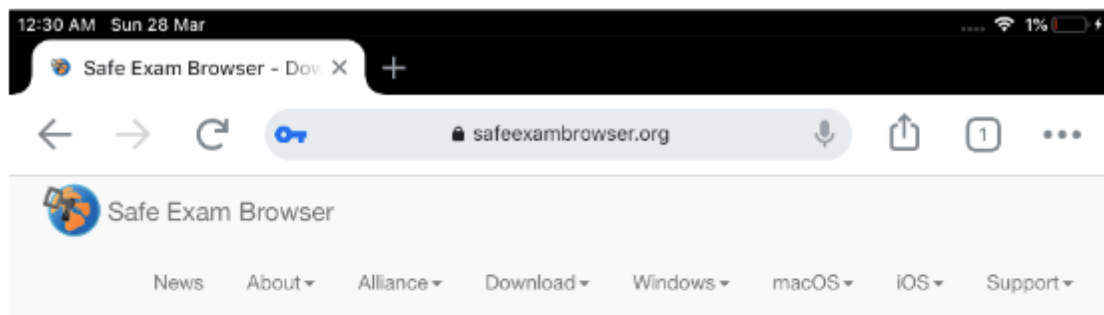


[HTTPS://ITALEEMC.IIUM.EDU.MY](https://italeemc.iium.edu.my)



Please follow Step i to iv and Step 1.1.

Step 3.1: Choose operating system that is suitable to your device and click it to start downloading.



iOS

[SafeExamBrowser 2.1.17 for iOS in the App Store](#)

Current version of SafeExamBrowser for iOS 9.3.5 and newer

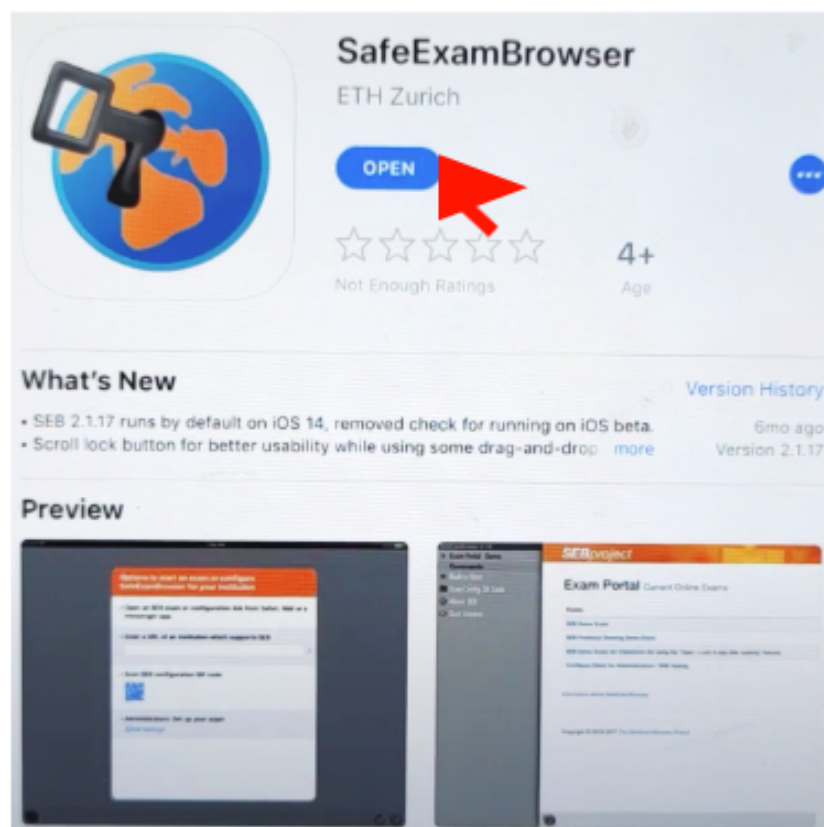
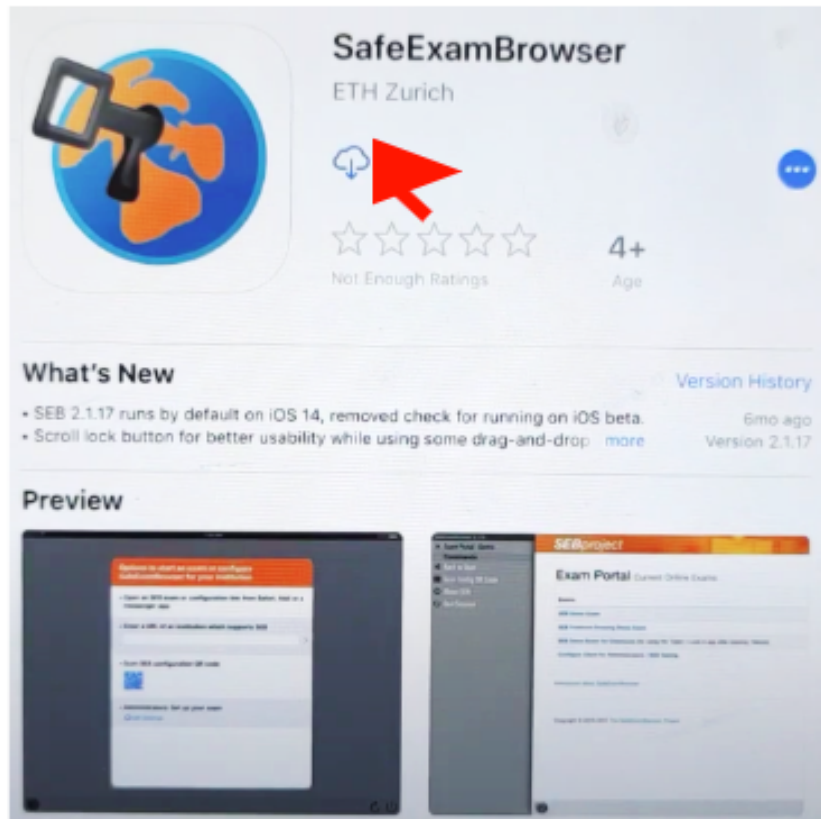
SEB for iOS opens a web browser without an address and search bar, loads a pre-configured webpage and locks an iPad (or iPhone or iPod Touch) into a single app kiosk mode.

New in SEB 2.1.17 for iOS:

- SEB 2.1.17 runs by default on iOS 14, removed check for running on iOS beta.
- New scroll lock button for better usability while using some drag-and-drop and drawing question types.
- Now displaying a disclaimer about the requirement to add an issue description before sending log files to the SEB developers in the integrated mail composer.
- Now writing SEB and iOS version and device info into log files.
- Fixed that a different Config Key was calculated on iOS 9/10 than on iOS 13/14 with some rare configuration files containing a deprecated setting.
- Error message in case AAC couldn't be started properly and device needs to be restarted will only show on iOS versions older than iOS 13.0.
- Fixed that SEB assumed an opened URL could be a Universal Link if decrypting the config from that URL failed.
- Fixed a common crash when the "Search Network" button in the Initial Configuration Assistant is tapped.

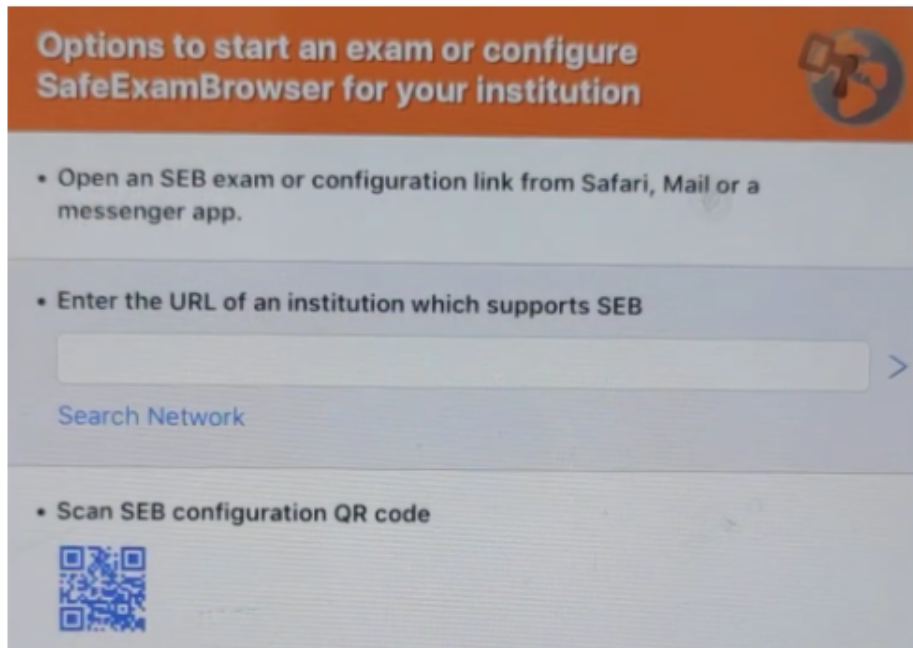


Step 3.2: Download and open the application.

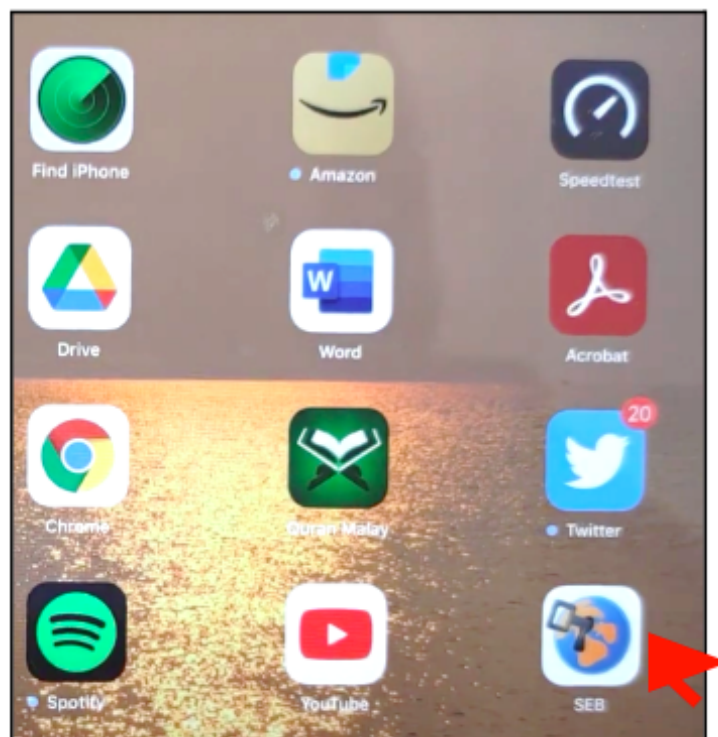




Step 3.3: When notification popped up, just press the home button.

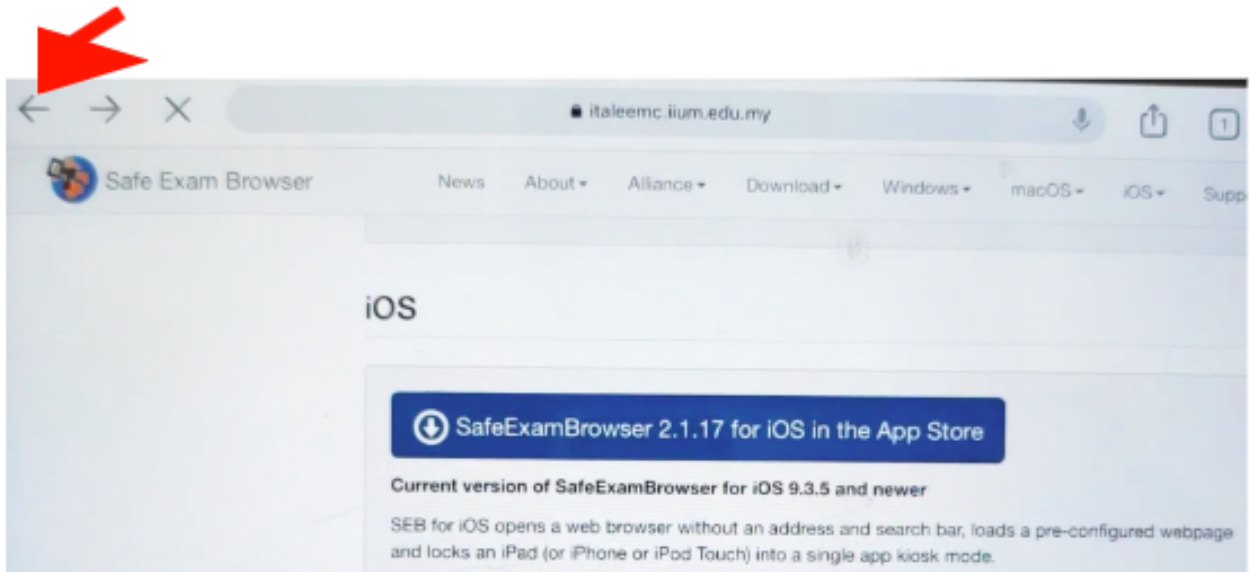


You can see that the 'Safe Exam Browser' icon is there.





Step 3.4: Go back to the initial page that was used to install 'Safe Exam Browser' and click button (image in Step 3.1).





Step 3.5: You will be directed to the previous page and click 'Download configuration' button.

MEQ TRIAL (PAPER 1)

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Grading method: Highest grade

The config key or browser exam keys could not be validated. Please ensure you are using the Safe Exam Browser with correct configuration file.

Download Safe Exam Browser

Launch Safe Exam Browser

Download configuration

Back to the course



Download Safe Exam Browser

Launch Safe Exam Browser

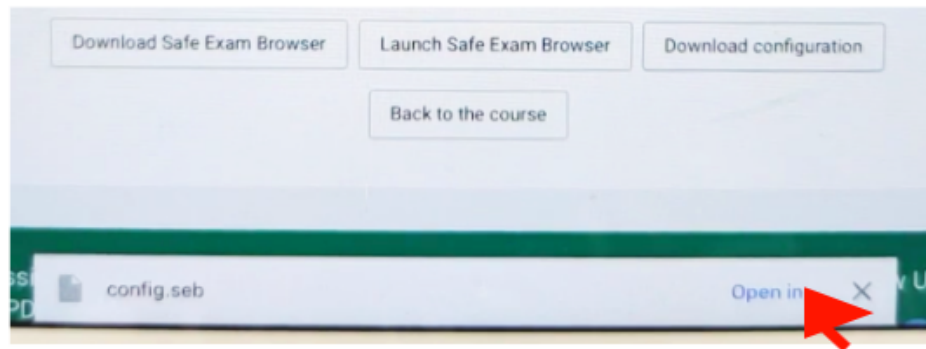
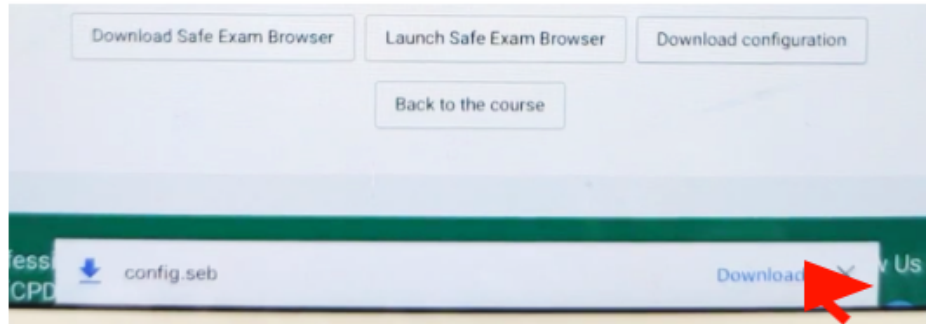
Download configuration

Back to the course





Step 3.6: Press 'Download' again and 'Open' once it finished.



This will direct you to the login page for iTaLeEM and you will repeat the same processes as in Step 1.10 to 1.15.

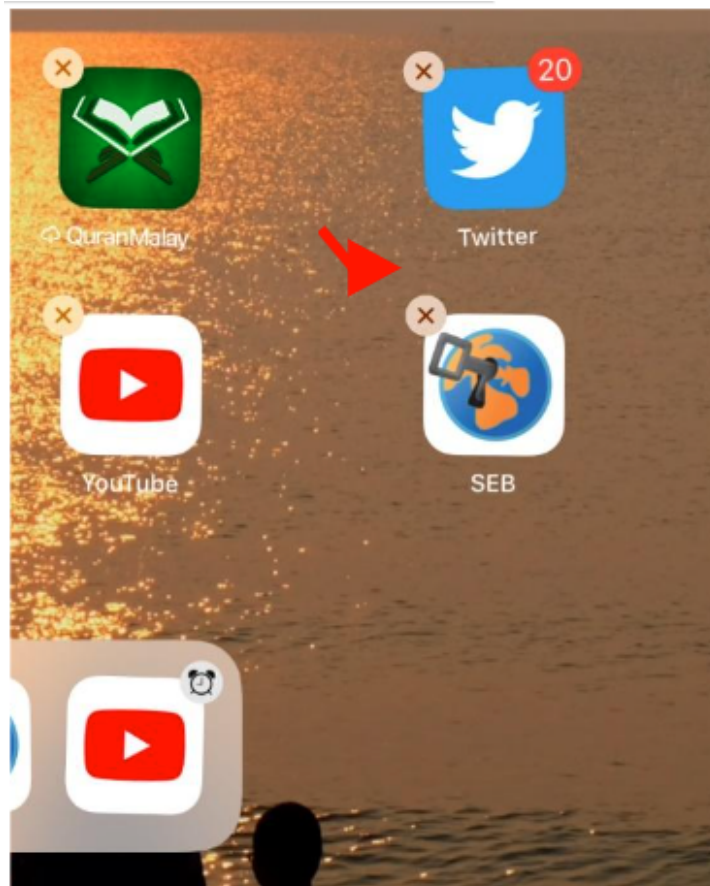
CHAPTER 4

Uninstall 'Safe Exam Browser' for iOS





Step 4.1: Press the 'Safe Exam Browser' icon for a few seconds until the 'X' symbol appears.



Click on the 'X' to uninstall the apps.

CHAPTER 5

Advantages and disadvantages of 'Safe Exam Browser'



No.	Item	Advantages	Disadvantages
1.	Unable to access other browser in the same device	/ Not in iPad and iPhone	
2.	Functioning camera and microphone while using 'Safe Exam Browser'	/	
3.	Minimize the chance of cheating in exam	/	
4.	Unable to monitor students' log in/out in real time		/
5.	Not compatible with Android (currently)		/
6.	Apps file size: 170MB		/ (particularly in mobile phone with 64GB)



IMPROVES EFFICIENCY AND ACCURACY

i-TaLeEM has built-in features for secure online proctoring, enhancing the accuracy and integrity of the examination process

ENHANCED ACCESSIBILITY AND CONVINIENCE

Students and instructors can attend the exams remotely, eliminating the need for physical attendance

EFFICIENT GRADING AND FEEDBACK

enabling instructors to provide personalized guidance to students and promoting continuous improvement in learning outcomes