

# VeriGuide

- A plagiarism detection tool developed by The Chinese University of Hong Kong
- Assists teaching staff to assess similarity on content of **submitted text-based files** with
  - classmates' assignments
  - all past submissions
  - academic journals
  - electronic documents
  - internet resources
- Prevent plagiarism on all submissions
- Also improve the quality of students' outcomes
- Detect suspected plagiarized sentences in
  - English
  - Traditional Chinese
  - Simplified Chinese
  - Japanese
  - Korean

According to the information from Veriguide, the similarity checking **duration** is based on the **file size** of the assignment. The **maximum** duration is **24 hours**.

The VeriGuide will generate an originality report of the assignment. Teaching staff can have a view of similarity rate of all assignments including resubmission in the VeriGuide system. The system will not do the similarity checking among the assignments of same students.

**Within 5 minutes after assignment submission**, the system will automatically send the assignment files to VeriGuide. When the students return to the assignment page, they should see a Plagiarism Detection section in the Submission status, with report status as **"PROCESSING"**.

The checking result is shown in the Plagiarism Detection section in the Submission status, with report status as "**READY**". Pay attention to the Reminder column for any error message. The error messages are mostly caused by unsupported file types in which VeriGuide cannot examine.

#### **Supported Common Document Formats**

- Adobe Acrobat Portable Document Format (PDF)
- OpenOffice
- Plain Text
- Web Pages (HTML)
- Zip Archive
- Microsoft Office





### Setup an assignment with with Veriguide checking on Moodle

#### Step 1. After login as a teacher, click the "Turn editing on" button



### Step 2. Click "Add an activity or resource"

				You are logged in as foo bar (Log out)
IISO Testing				
Home ► My courses ► In-house S	Services I	▶ IT Services Office ▶ ITSO00		Turn editing off
Navigation		٥		Search forums
Home		🕂 👼 News forum 🖉	Edit* 💄	Go
My home			+ Add an activity or resource	Advanced search (?)
<ul> <li>Site pages</li> <li>My profile</li> </ul>	-	27 October - 2 November		Latest news
Current course		➡ 😓 Assignment 1 🖉	Edit* 💄	Add a new topic
<ul> <li>Participants</li> </ul>			+ Ad 🐢 Edit settings urs	(No news has been posted vet)
Badges	÷	3 November - 9 November	→ Move right	Uncoming events
27 October - 2		幸 中 🕒 Assignment 2 🖉		+ + +
<ul> <li>November</li> <li>3 November - 9</li> </ul>			PD Duplicate	Messages 🛛
November 10 November - 16	+	10 November - 16 November	z, Assign roles	No messages waiting
November 17 November - 23		0	+ Add a activity or resource	Messages
November	4			Recent activity 🛛
November	.1.	17 November - 23 November		÷ + + +
I December - 7 December			+ Add an activity or resource	
8 December - 14 December	+	24 November - 30 November		٩
My courses		٥	+ Add an activity or resource	
Administration	+	1 December - 7 December		0
Course administration		0		
Turn editing off			+ Add an activity or resource	
<ul> <li>Activity chooser off</li> <li>Edit settings</li> </ul>	÷	8 December - 14 December		٩



ITSO Internal Document 5 Nov 2015

### Step 3. Select "Assignment", then click "Add"

ITSO Testing	<u> </u>				You are logged in as foo bar (Log out)
Home ► My courses ► In-house Se	ervices ▶ IT Services Office ▶ ITSO00	Add an activity or	resource X		Turn editing off
Navigation + * • • Home My home	🌞 🖶 News forum 🖉	ACTIVITIES The a Assignment provide Chat Stude	ssignment activity module enables a er to communicate tasks, collect work and le grades and feedback. nts can submit any digital content (files),	Edit 🎽 💄 + Add an activity or resource	Search forums
<ul> <li>Site pages</li> <li>My profile</li> <li>Current course</li> <li>ITSO00</li> <li>Participants</li> </ul>	27 October - 2 November       *       *       *       Assignment 1	Choice such i Database sprea Database Alter Chick External Tool requir Feedback editor	is word-processed documents, dsheets, images, or audio and video clips. atively, or in addition, the assignment may e students to type text directly into the text An assignment can also be used to	Edit 🕶 🚨 + Add an activity or resource	Latest news     Add a new topic     (No news has been posted     unt)
<ul> <li>Badges</li> <li>General</li> <li>27 October - 2 November</li> <li>3 November - 9</li> </ul>	<ul> <li>3 November - 9 November</li> <li>Assignment 2 ×</li> </ul>	Forum     Forum     Glossary     Glossary     Glossary     Stude     memt	d students of 'real-world' assignments eed to complete offline, such as art work, us not require any digital content. Its can submit work individually or as a er of a group.	Edit 🕶 💄 + Add an activity or resource	Vpcoming events     Messages
<ul> <li>November - 16 November</li> <li>17 November - 23 November</li> </ul>	+ 10 November - 16 November	Image: ScoRM package     When       Image: ScoRM package     Leave       Image: Survey     Survey       Image: Survey     document       Image: Survey     Mila	reviewing assignments, teachers can feedback comments and upload files, is marked-up student submissions, nents with comments or spoken audio ack. Assignments can be graded using a	+ Add an activity or resource	No messages waiting     Messages     Recent activity
<ul> <li>24 November - 30 November</li> <li>1 December - 7 December</li> </ul>	<ul> <li>17 November - 23 November</li> <li>4</li> </ul>	Workshop         nume           RESOURCES         are re	rical or custom scale or an advanced ig method such as a rubric. Final grades corded in the gradebook.	+ Add an activity or resource	
<ul> <li>8 December - 14 December</li> <li>My courses</li> </ul>	+ 24 November - 30 November	Book     Dok     File     Folder	bre help	+ Add an activity or resource	۲
Administration	+ 1 December - 7 December	Add	Cancel	the Add on activity or recourses	•

Step 4. Fill in the general information of the assignment under "General" option Due to the originality report will be updated continuously, you are advised to set the Cut-off date to stop the update.

▼ General		
Assi	gnment name*	
	Description*	
		Rube -
Display descrip	tion on course	
Display accorp	page ?	
Availability		
Allow submis	ssions from 🕐	$(5 \ddagger)$ November $\ddagger)$ $(2015 \ddagger)$ $(00 \ddagger)$ $(00 \ddagger)$ $(00 \ddagger)$ Enable
	Due date 🕐	12 ‡ November ‡ 2015 ‡ 00 ‡ 00 ‡ 🖽 🜌 Enable
C	Cut-off date 🕐	(13 ‡) November ‡) (2015 ‡) (00 ‡) 📾 🗷 Enable
Always show	description ⑦	Si ana ana ana ana ana ana ana ana ana an



# Step 5. Scroll down and expand the option "VeriGuide parameters" to customize the setting

3.gcc.eau.nk/course/modedit.p	npradd=assign&type=&course=186&section=4&return=0&sr=0	▼ C J C Search	
ITSO Testing			You are logged in as foo bar (Log out)
Home My courses Moodle Ad	ministration P 115000 P Adding a new Assignment to 17 November - 23 November		
Navigation	Adding a new Assignment to 17 November - 23 November ③		
Home	) General		Expand all
My home			
Site pages	Availability		
My profile	Submission types		
<ul> <li>Current course</li> <li>TISO00</li> </ul>	▶ Feedback types		
<ul> <li>Participants</li> </ul>	Submission settings		
Badges	▶ Group submission settings		
General	Notifications		
27 October - 2 November			
<ul> <li>3 November - 9 November</li> </ul>	Enable VeriGuide ?		
10 November - 16	These are the settings for originality report sharing.		
November	Enable TA view 💿 🐱		
November - 23	Enable student view similarity Secondage		
24 November - 30	Ō		
November	Enable student view detailed  report		
December	0		
8 December - 14	b Crada		
My courses	P Glaue		
, my couldob	Common module settings		
Administration 🛛 🖶	Save and return to course Save and display Cancel		There are required fields in this form marked *.
<ul> <li>Course administration</li> </ul>			
Turn editing off			
<ul> <li>Eait settings</li> <li>Users</li> </ul>			
<b>T</b> Filters			
Benorte			



## View veriguide report on Moodle

# Step 1. After login as a teacher, click the assignment that you want to view the report

Two odle.gcc.edu.hk/course/view.pl	p?id=186#section-2	▼  C  ][Q Search	☆ 自 ♥ ↓ ♠ ♥
ITSO Testing			You are logged in as foo bar (Log out)
Home ► My courses ► In-house S	ervices ▶ IT Services Office ▶ ITSO00		Turn editing off
Navigation	News forum		Search forums
<ul> <li>✓ Turn editing on</li> <li>✤ Edit settings</li> <li>▶ Users</li> <li>▼ Filters</li> </ul>	27 October - 2 November		Advanced search (?) Latest news Add a new topic
<ul> <li>Reports</li> <li>Grades</li> <li>Badges</li> <li>Backup</li> </ul>	3 November - 9 November		(No news has been posted yet) Upcoming events

#### Step 2. Click the "View/grade all submissions"

ITSO Testing				You are logged in as foo bar (Log out)
Home ► My courses ► In-bouse S	Services  IT Services Of	lice ▶ ITSO00 ▶ 27 October - 2 Nov	rember ► Assignment 1	
			anner e zhongrinnon i	
Navigation	Assignment 1			Messages 🖃
Home		Assignment 1 testing		No messages waiting
My home	Grading summa	rv		Messages
<ul> <li>Site pages</li> <li>My profile</li> </ul>	Porticipanta	.,		
Current course	Submitted		1	
▼ ITSO00	Needs grading		1	
<ul> <li>Badges</li> </ul>	Due date		Monday 2 November 2015, 12:00 AM	
General	Time remaining		3 dave 11 hours	
<ul> <li>27 October - 2 November</li> </ul>	This Formating			
💐 Assignment 1			View/grade all submissions	
3 November - 9 November				
10 November - 16 November	Submission stat	us		
17 November - 23	Submission status	No attempt		
<ul> <li>November</li> <li>24 November - 30</li> </ul>	Grading status	Not graded		
November	Due date	Monday, 2 November 2015,	12:00 AM	
1 December - 7 December	Time remaining	3 days 11 hours		
8 December - 14 December				
My courses				



#### Step 3. You should see the percentage of Similarity in the "File Submissions" column Step 4. Click "View" next to "Report" in the "File Submissions" column to view the detail report

ITCO Teating											You are logged in as foo bar (Log out)
TISO Testing											
Home ► My courses ► Moodle Ad	ministration	► ITSO00 ► 10	November - 16 November	Final Year Project Final Year Project	ng						
Administration	Final	Year Proj	ect								Messages 🗆
<ul> <li>Assignment administration</li> </ul>	Grading	action Choose	t ‡)								No messages waiting
<ul> <li>Edit settings</li> <li>Locally assigned roles</li> <li>Permissions</li> </ul>	Select	User picture	First name / Surname	Email address	Status	Grade	Edit	Last modified (submission)	File submissions	Submission comm	Messages
<ul> <li>Check permissions</li> <li>Filters</li> <li>Logs</li> <li>Backup</li> <li>Restore</li> <li>Advanced grading</li> <li>View gradebook</li> <li>Viewigrade all submissions</li> <li>Download all submissions</li> <li>Course administration</li> <li>Switch role to</li> <li>My profile settings</li> <li>Site administration</li> </ul>			Frank Wong	frankwong@gratia.edu.hk	Submitted for grading	(d) -		Monday, 2 November 2015, 9:11 AM	MHW1303_Sem2.pdf Plagiarism Detection Report READY Status: Similarity: 4.06% Report: View Unew view only and valid until 11:18 am. To view report again, please refresh the browser.) Remarks: - 'Please refresh your browser if the link has expired or used.	► Comments (0)	
	(1)	With selec	ted	10.		Loc	ck subr	nissions 🛟 Go		) •)	



# Step 5. Your browser will be redirected to VeriGuide Originality Report page automatically Step 6. Click "View Details" to view the complete analysis report

Originality	Report	-		Field Market Ma	ort
Submission Overview (1917	781)				
Submission Overv	view				
Submission Information	ı				
Submission Reference ID	1917781	?			
School / Institution	Gratia Christian College				
Course	ITSO00				
Title	ITSO Testing				
Assignment Number / Name	Final Year Project				
Assignment Marker	Not Applicable	?			
Student	Frank Wong	?			
Student's School ID	26	?			
File Name	MHW1303_Sem2.pdf	?			
Submitted or	2015-11-02 09:15:50+0800				

Show 100	- entries				Search:		
File ID 🔺	File \$	Status 🗘	Checking Events 🗘	Is an Archive? 🗘	Inside Archive 🗘	Similarity \$	Action
23703275	MHW1303_Sem2.pdf	Checked	1 [details]	No	-	4.06%	View Details
Showing 1	to 1 of 1 entries				First Prev	ious 1	Next Last

#### Submission with error will look like this:

This submission contains the following files:

Show 100 -	entries						Searc	:h:			
File ID 🔷	File	\$	Status	\$ Checking Events	\$ Is Archive?	\$ Inside Arch	ive 🌣	-	Similarity	٥	Action \$
1444073	banner.jpg		Error in processing	-	No	-		-	- 2		-
Showing 1 to	o 1 of 1 entrie	s				First	Previo	us	1	Next	Last



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#### Step 7. Scroll down and view the detail of the Statistical Report of Similarity



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#### Step 8. Under the table of Similarity, you can see the list of sources

The similarity shows how much content in this submission is found to be similar to the source. You may click "(details...)" to view the information of the source, or you can compare the submission to the sources side-by-side by clicking "Side by side".

List of Sou	rces			
Show 10	✓ entries		Search:	
Entry	Source ≎	From \$	Similarity \$	Action
1	長者2元0272;補貼.txt (details)	CUHK-TEST-1001	100.00%	Side by side
2	Document (ID:1319017758545968371)	CUHK-TEST-1001	100.00%	Side by side
3	長者2元0272;補貼.bt (details)	CUHK-TEST-1001	100.00%	Side by side
4	http://hk.news.yahoo.com/C%E8%B2%BC- 224453306.html	Internet	100.00%	Side by side
5	http://www.hket.com/eti/a88f0- a564ad769485-594994	Internet	100.00%	Side by side
6	長者2元0272;補貼.bt (details)	CUHK-TEST-1001	100.00%	Side by side
7	長者2元0272;補貼.bt (details)	CUHK-TEST-1001	100.00%	Side by side
8	長者2元0272;補貼.bd (details)	CUHK-TEST-1001	100.00%	Side by side
Showing	1 to 8 of 8 entries	F	irst Previous	1 Next Last

You will find the information of the source, if you click "(details...)" next to each source entry.

Source Document - Submission Information	×
Submission Reference ID:	
School / Institution:	
Year: 2011	
Term: 1	
Course: TEST-1001L01	
Title: VERIGUIDE TESTING I	
Assignment Number: 5	
Assignment Marker:	
Student:	
Student's School ID:	
Submission File: file02.zip	
Submitted on: 2011-10-18 18:17:03+0800	



# Step 9. Scroll down more and view the comparison between the submitted document and the source document

Showing 1 to 10 of 19 entries First Previous 2 Next Last Side by side Marked pairs and Export to PDF (0) Submitted Document Source Document MHW1303 Sem2.pdf https://www.genome.gov/25520880 Internet Corresponding proportion: 1/493 = 0.20% Corresponding proportion: 1/85 = 1.18% more ballang blocks are made of anee parts, a proophate /AAAAAAABns/KjI3NuTWcz4/ s320/ATCG. jpg) DNA is group, a sugar group and one of four types of nitrogen bases. To composed by a sequence of nucleotide units and there are three form a strand of DNA, nucleotides are linked into chains, with the components: sugar molecule, phosphate group and a phosphate and sugar groups alternaung. nitrogener: base. We are focusing on the nitrogenous base The four types of nitrogen bases found in nucleotides are mich contain the genetic information of an organism. For the nitrogenous base, there are four types of base in it and they are: adenine (A), thymine (T), guanine (G) and cytosine (C). 🇾 orden or sequence, of these bases determines what biological adenine, guanine, thymine and cytosine, abbreviations of them are A, G, T, C respectively. In a real DNA chain, A and T are instructions are contained in a strand of DNA. For example, the sequence ATCGTT might instruct for blue eyes, while ATCGCT paired up and G and C will form another pair. PAGE ! OF 10/0 MHW 1303 SEMESTED 1 DEPORT WONS MING FAI, FRANK might instruct for brown. 1155005543 3.2. Protein (TF and TFBS) (Image source: The complete DNA instruction book, or genome, for a human https://howardhughes.trinity.duke.edu/uploads/assets contains about 3 billion bases and about 20,000 genes on 23 /DAILYILLINI(2). jpg) Protein is made up of amino acids and it is pairs of chromosomes. an important functional units in binding of DNA. (Block\_12) There is a special kind of protein called Transcription Factor (TF) and its Top of page function is to control the message (genetic information) flow in What does DNA do? DNA, it can work alone or perform special function with other protein. There is a process called regulation, it involved TF and DNA contains the instructions needed for an organism to another specific sequence of DNA called Transcription Factor develop, survive and reproduce. To carry out these functions, Binding Site (TFBS). After a specific TF-TFBS interaction, a DNA sequences must be converted into messages that can be (10

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#### Side-by-Side Comparison

After clicking "Side by side", you can compare the submission to the selected source sideby-side. The submitted document is shown on the left hand side, while the selected source document is displayed on the right hand side.

You can click on any sentences with detected similar source sentence(s). The system will, then, show you the detected sentences in the other side. The both sentences are underlined.

In side-by-side comparison section, some sentences are highlighted by different colors. You may refer to the following table for the meanings of different colors.

Sample	Meaning
Sample Text	No source is detected to be similar to this sentence.
Sample Text	Similar source is detected, but the source sentence is NOT contained in the source document displayed currently in right-hand-side. When click on it, the source containing the sentence will be switched
Sample Text	Similar sentence is detected, and the source sentence is contained in the source document displayed in right-hand-side.
Sample Text	This sentence is marked as problematic, but the source document is NOT the one being displayed in right-hand-side.
Sample Text	This sentence is marked as problematic, and the source document is the one being displayed in right-hand-side.

#### **Remarks:**

Assignments submitted to VeriGuide, as well as the associated reports, cannot be deleted by any means.