UniLearn

Exam Module

(Web App.)

Exam Module

Welcome!

Please select your role

- Teacher
- Student
- Parent
- Headmaster

Screen #01

Homepage of ALL users

Types of Users

Teacher

The have the key role to add or validate new items/questions, and search the available item bank to prepare quizzes for students, as per their subjects. They receive different reports about the progress of their students across classes and over time.

Headmaster

They have the same privileges of Leading teachers PLUS they received reports on performance of **all** teachers of **all** subjects in various domains and over time. Yet, Headmasters may not be able to validate questions, because this is related to subject matter experts (Lead Teacher).

Student

They can register in classes and respond to quizzes that have been prepared by teachers. They receive reports on their learning progress per subject, as **compared their peers** in the same class/grade.

Parent

They can monitor (and acknowledge) the learning progress of their kids at school across subjects, as compared with their peers and over time. They can communicate directly with teachers and school administration to provide feedback/suggestions via the Exam Module.

User Privileges

Tasks per user	T	H	S	P
1. Add questions to the item bank	✓			
2. Validate/review questions	✓			
3. Search & filter questions in the item bank	✓			
4. Create & save quizzes	✓			
5. Launch quizzes in-class	✓			
6. Register to sessions			✓	
7. Respond to quizzes			✓	
8. Moderate teachers' privileges, e.g. T → LT & LT → T		✓		

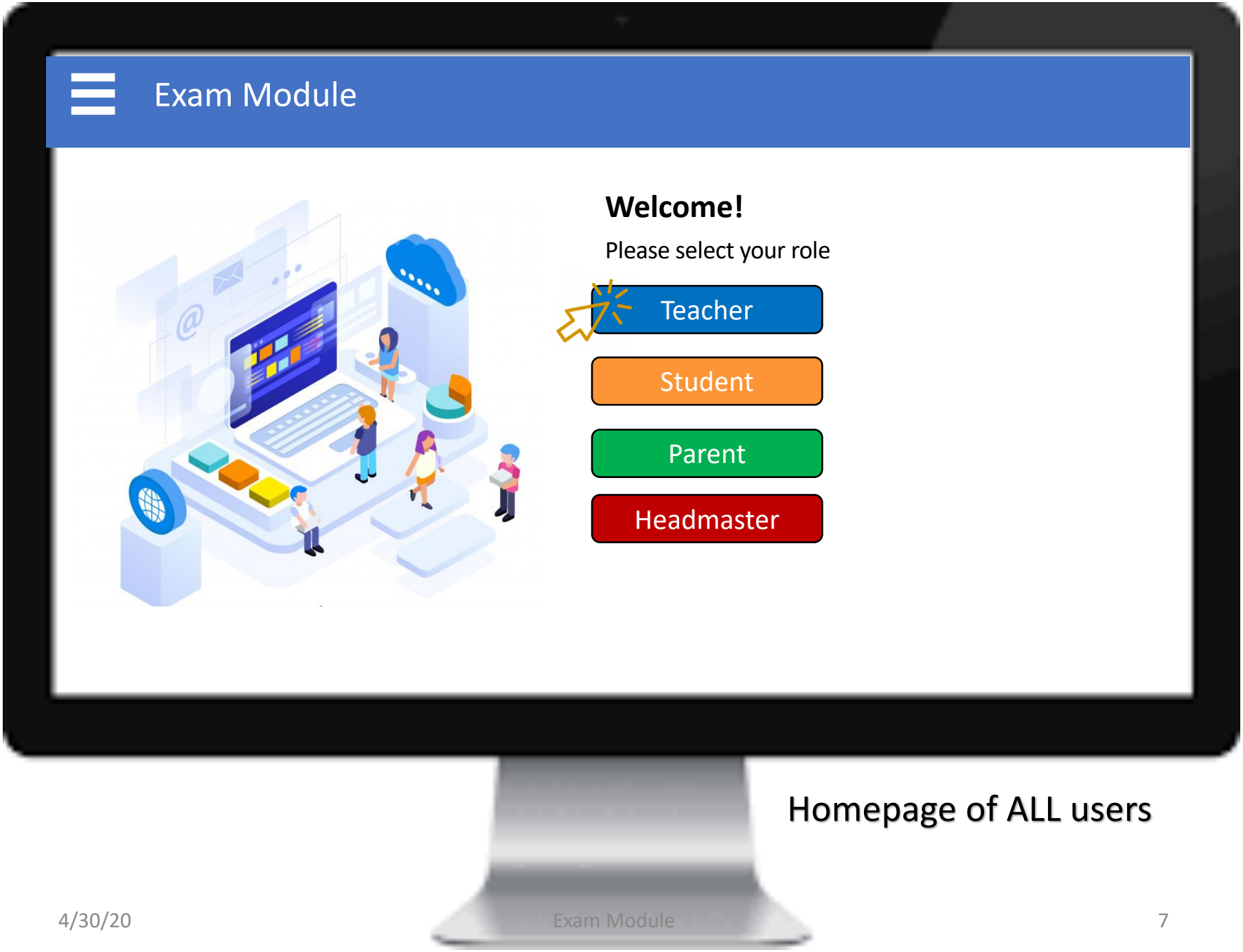
Types of Reports

Reports per user

	T	H	S	P
1. View performance of one/own teacher/dashboard	✓	✓		
2. View performance of **all** teachers in **one** subject		✓		
3. View performance of **all** teachers in **all** subjects		✓		
4. View performance of **one** student in **one** subject	✓	✓	✓	✓
5. View performance of **one** student in **all** subject		✓	✓	✓
6. View performance of **all** students in **all** classes		✓		
7. View performance of **all** students in **one** class	✓	✓		
8. View performance of **all** students in **all** subjects/classes		✓		

Workflow

#	Teacher	Headmaster	Student	Parent
01	Add questions			
02	Validate questions			
03	Search item bank			
04	Create/Save quiz			
05	Launch quiz			
06			Register to session & Respond to Quiz	
07	Generate relevant reports	Generate relevant reports	Generate relevant reports	Generate relevant reports



Homepage of ALL users

Exam Module

New user? Sign up

Forget Password

Teacher

Student

Parent

Headmaster

Username or email

Password

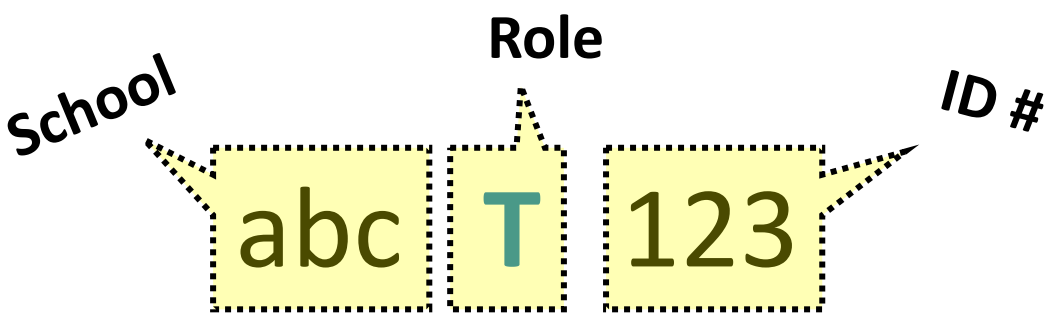
Log in

Support Privacy Policy Terms and Conditions

For teachers only

Creating user IDs

In the Database, users will be identified by a code of 3 sections:



Examples of users at **SGH** school:

Teacher	Headmaster	Student	Parent
sgh **T** 021	sgh **H** 003	sgh **S** 985	sgh **P** 657

Exam Module

Teacher

Student

Parent

Headmaster

New user? Sign up

Forget Password

Username or email

Password

Log in

Support Privacy Policy Terms and Conditions

For teachers only

Exam Module

New user? Sign up

Teacher

Student

Parent

Headmaster

Reset Password

Please enter the email address you registered with and we will send you instructions on how to reset your password.

Email *

Select images with Sunglasses

Can't see the images well? Reload images

Reset password

Support Privacy Policy Terms and Conditions

For teachers only

Exam Module

New user? Sign up

Teacher

Student

Parent

Headmaster

Reset Password

Please enter the email address you registered with and we will send you instructions on how to reset your password.

nadafahmy@sgh.edu.eg

Select images with Sunglasses

Can't see the images well? Reload images

Reset password

Support Privacy Policy Terms and Conditions

For teachers only

Teachers need to start by editing their ***Profiles***

Exam Module

Profile | Add | Review | Plan | Launch | Report | Feedback | Help

Ms. Nada Fahmy

Subject *(select 1 only)*	**Grade** *(select 1 or more)*
❑ Biology ❑ Chemistry ❑ Physics ❑ Math. ❑ Geography ❑ Social Sciences	❑ 12 ❑ 11 ❑ 10 ❑ 09 ❑ 08 ❑ 07 ❑ 06 ❑ 05 ❑ …etc.

- ❑ Class 7/1
- ❑ Class 7/2
- ❑ Class 7/3
- ❑ Class 7/4
- ❑ Class 7/5

For teachers only

Then teachers can view their
Dashboards

Exam Module

Profile Add Review Plan Launch Report Feedback Help

Ms. Nada Fahmy
Biology Teacher

	Add	*Review*	*Launch*	*Report*
# of Q. to-date	**53**	**24**	**12**	**179**
Biology Records	123	24	34	240
Biology Ranks	9	1	5	3
School Records	452	63	87	588
School Ranks	23	3	11	9

Teacher homepage

How teacher can **add** new questions to the school database or the item bank?

Exam Module

Profile | Add | Review | Plan | Launch | Report | Feedback | Help

Ms. Nada Fahmy
Biology Teacher

Grade	Subject	Topic	Question Type
Grade 1	Biology	Enter up to 20 characters	MCQ
Grade 2			True/False
Grade 3			
Grade 4			
Grade 5			
Grade 6			
Grade 7			
Grade 8			
Grade 9			
Grade 10			
Grade 11			
Grade 12			

Add New Q.

Teacher

Exam Module

Profile | Add | Review | Plan | Launch | Report | Feedback | Help

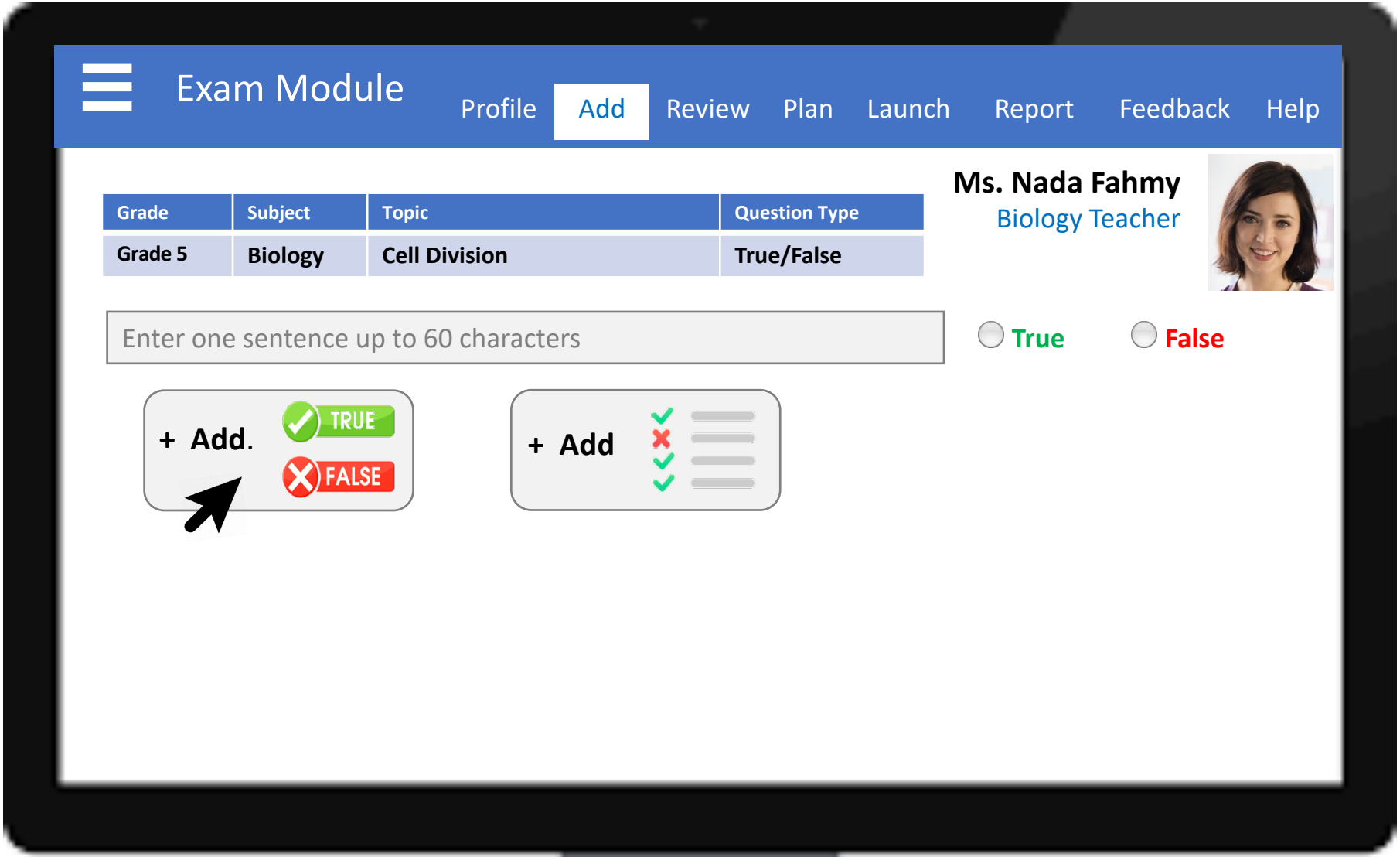
Ms. Nada Fahmy
Biology Teacher

Grade	Subject	Topic	Question Type
Grade 5	Biology	Cell Division	True/False

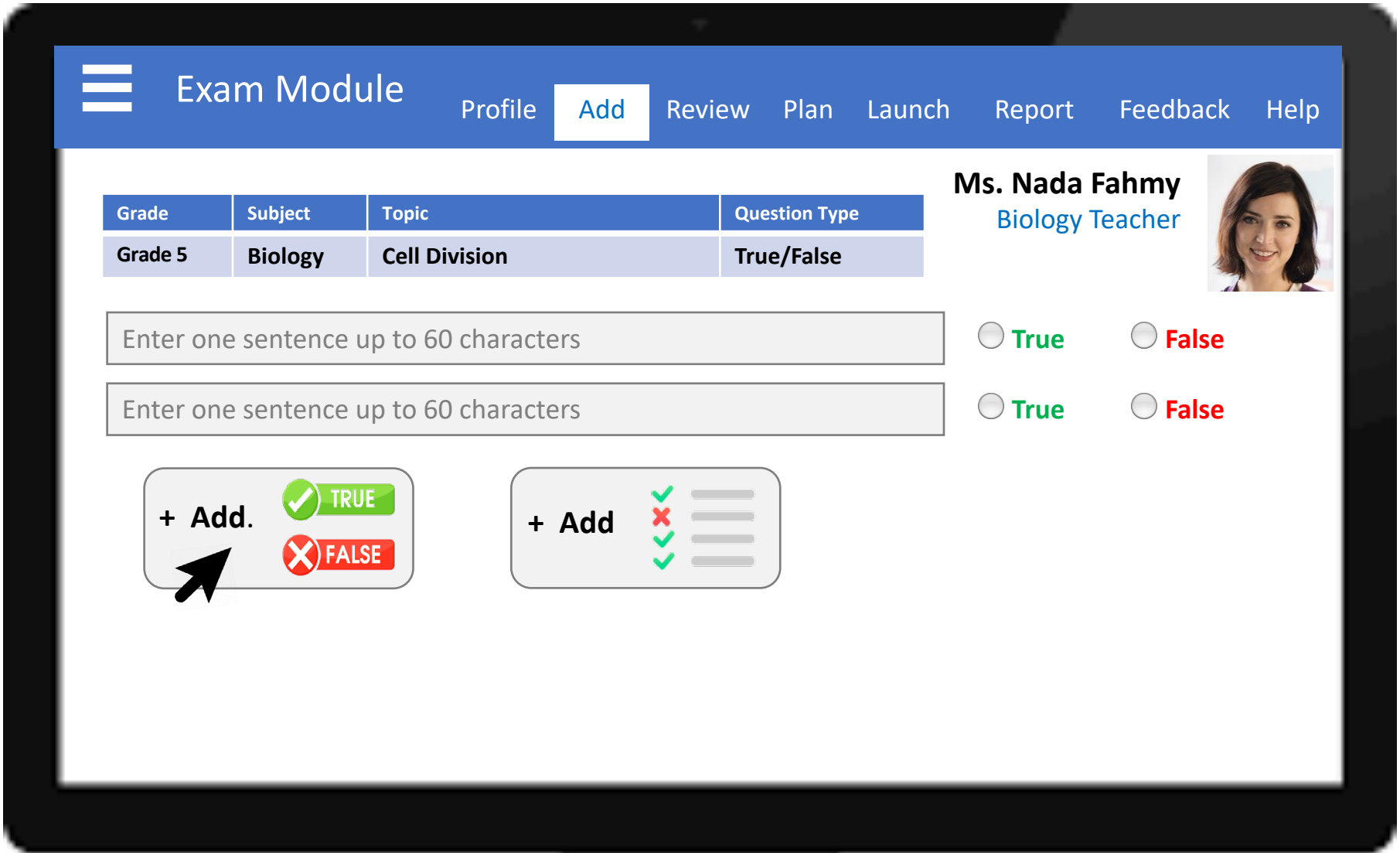
+ Add. TRUE FALSE

+ Add

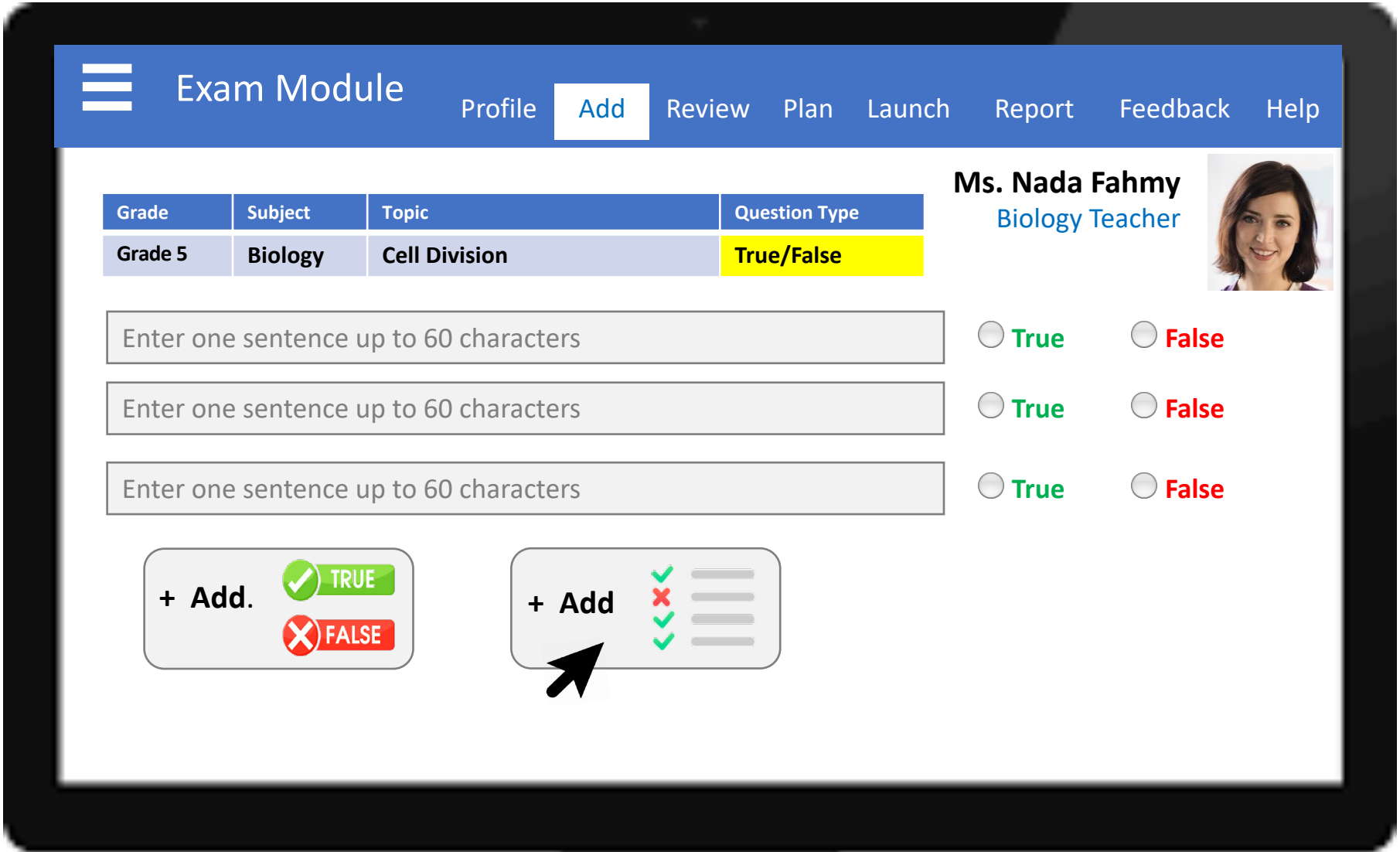
Teacher


Exam Module
Profile
Add
Review
Plan
Launch
Report
Feedback
Help
Ms. Nada Fahmy
Biology Teacher
Grade
Subject
Topic
Question Type
Grade 5
Biology
Cell Division
True/False
Enter one sentence up to 60 characters
True
False
+ Add.
TRUE
FALSE
+ Add

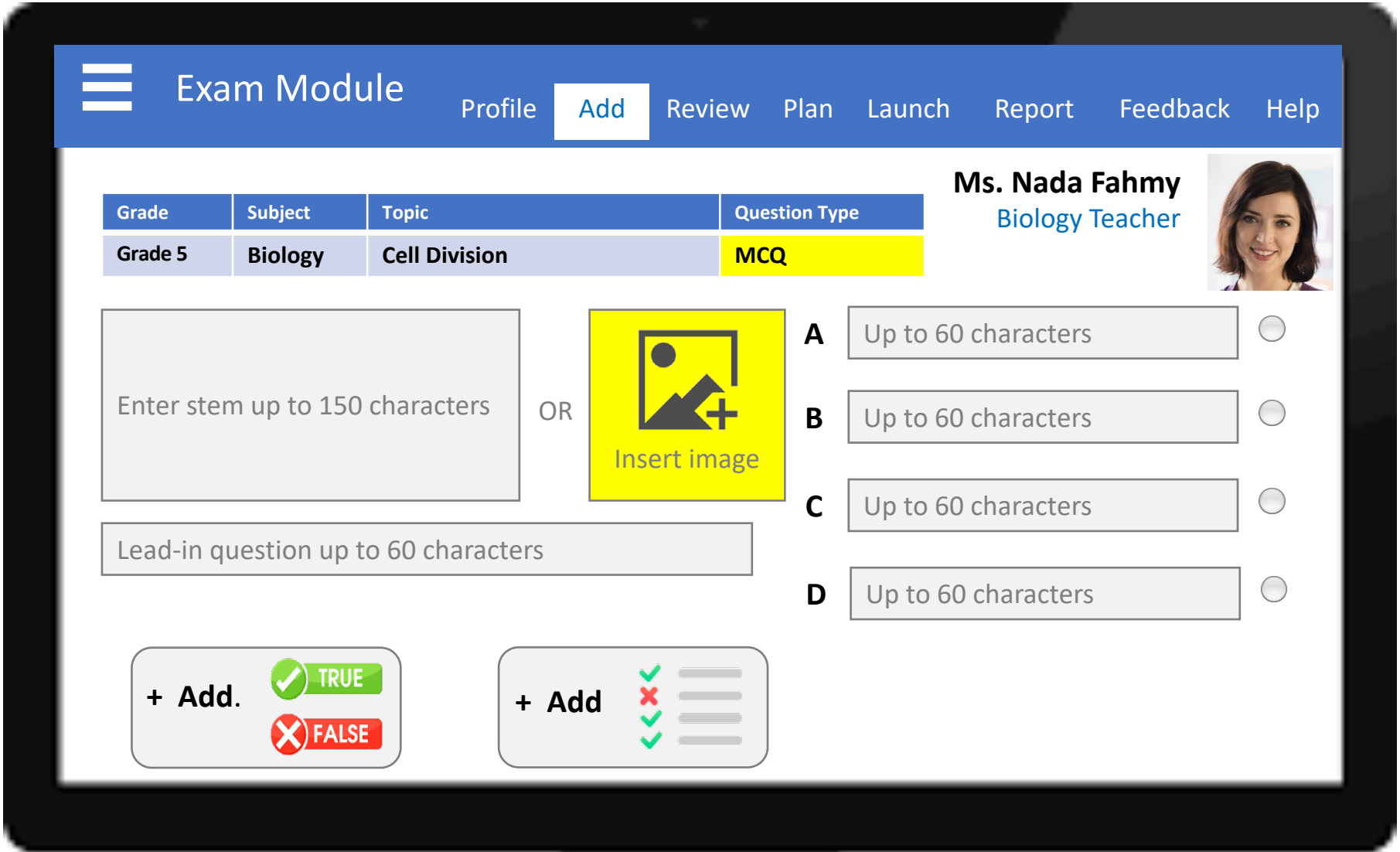
Teacher


Exam Module
Profile
Add
Review
Plan
Launch
Report
Feedback
Help
Ms. Nada Fahmy
Biology Teacher
Grade
Subject
Topic
Question Type
Grade 5
Biology
Cell Division
True/False
Enter one sentence up to 60 characters
True
False
Enter one sentence up to 60 characters
True
False
+ Add.
TRUE
FALSE
+ Add

Teacher


Exam Module
Profile
Add
Review
Plan
Launch
Report
Feedback
Help
Ms. Nada Fahmy
Biology Teacher
Grade
Subject
Topic
Question Type
Grade 5
Biology
Cell Division
True/False
Enter one sentence up to 60 characters
True
False
Enter one sentence up to 60 characters
True
False
Enter one sentence up to 60 characters
True
False
+ Add.
TRUE
FALSE
+ Add

Teacher


Exam Module
Profile
Add
Review
Plan
Launch
Report
Feedback
Help
Ms. Nada Fahmy
Biology Teacher
Grade
Subject
Topic
Question Type
Grade 5
Biology
Cell Division
MCQ
Enter stem up to 150 characters
OR
Insert image
Lead-in question up to 60 characters
A
Up to 60 characters
B
Up to 60 characters
C
Up to 60 characters
D
Up to 60 characters
+ Add.
TRUE
FALSE
+ Add

Teacher

How teacher can **review** questions added by other teachers?

Exam Module

Profile | Add | Review | Plan | Launch | Report | Feedback | Help

Ms. Nada Fahmy
Biology Teacher

	Add	*Review*	*Launch*	*Report*
# of Q. to-date	**53**	**24**	**12**	**179**
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Teacher homepage

Exam Module

Profile | Add | Review | Plan | Launch | Report | Feedback | Help

Ms. Nada Fahmy
Biology Teacher

35 Biology Q.

were added by *other* teachers
and waiting for your feedback

Review

Note:
Your comments are seen only
by fellow teachers, NOT students

Teacher

Exam Module

Profile | Add | Review | Plan | Launch | Report | Feedback | Help

Ms. Nada Fahmy
Biology Teacher

Grade	Subject	Topic	Question Type
Grade 5	Biology	Cell Division	True/False

Synapsis occurs between mRNA and ribosomes

○ True ◉ False

Rate: ★ ★ ☆ ☆ ☆

Comment:

Up to 100 characters

Teacher

Exam Module

Profile | Add | Review | Plan | Launch | Report | Feedback | Help

Ms. Nada Fahmy
Biology Teacher

Grade	Subject	Topic	Question Type
Grade 5	Biology	Cell Division	MCQ

With respect to glucose metabolism.

Which part of the human body stores glycogen?

- **A** Intestine
- **B** Pancreas
- **C** Liver
- **D** Heart

Rate: ★ ★ ★ ★ ★

Comment: Up to 100 characters

Teacher

In the database,
each question should have a unique #
and can be identified
by the following **tags** (labels):

Before	Testing	After
1. Ownership: e.g. School or UniLearn 2. Authorship, e.g. teaching 3. Subject, e.g. Biology 4. Topic, e.g. Cell Division 5. Grade level, e.g. Grade 5 6. Type, e.g. MCQ or T/F 7. Reviewed/validated or not?		8. # of responses by students 9. ID of students who answered it 10. ID of the class 11. Average duration of response 12. Difficulty (% of correct answers) 13. Distractor analysis 14. All comments linked to the Q. 15. Any changes or modifications

How teacher can **plan** & **save**
a new **Quiz** (up to 10 questions)
or **Exam** (more than 10 questions)?

PubMed.gov

corona

Search

Advanced Create alert

User Guide

Save Email Send to

Sorted by: Best match

DISPLAY OPTIONS

Format Summary Abstract

Sort by Best match

Per page 10

MYNCBI FILTERS

RESULTS BY YEAR

1883 2020

TEXT AVAILABILITY

- [ ] Abstract
- [ ] Free full text
- [x] Full text

ARTICLE ATTRIBUTE

- [ ] Associated data

8,570 results

Filters applied: Full text. Clear all

1 Personalized protein **corona** on nanoparticles ar

Corbo C, Molinaro R, Tabatabaei M, Farokhzad OC, Mahmou

Biomater Sci. 2017 Feb 28;5(3):378-387. doi: 10.1039/c6bm

PMID: 28133653 **Free PMC article.** Review.

The protein **corona** changes many of the physicochemical properties of nanoparticles, including size, surface charge, and aggregation state. ...Recently it has been shown that the protein **corona** is strongly affected by the patient's specific disease. Therefore, the same nanomaterial incubated with plasma proteins of patients with different pathologies adsorb protein **coronas** with different compositions, giving rise to the concept of personalized protein **corona**. ...

Cite Share

2 The Crown and the Scepter: Roles of the Protein **Corona** in Nanomedicine.

Cai R, Chen C.

Adv Mater. 2019 Nov;31(45):e1805740. doi: 10.1002/adma.201805740. Epub 2018 Dec 27.

PMID: 30589115 Review.

Exam Module

Profile Add Review Plan Launch Report Feedback Help

Ms. Nada Fahmy
Biology Teacher

	Add	*Review*	*Launch*	*Report*
# of Q. to-date	**53**	**24**	**12**	**179**
Biology Records	123	24	34	240
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Screen #04

Teacher homepage

Exam Module

Profile | Add | Review | Plan | Launch | Report | Feedback | Help

Grade	Subject	Topic	Question Type
❑ Grade 7 ❑ Grade 8 ❑ Grade 9 ❑ Grade 10 ❑ Grade 11	Biology	❑ Cell Division ❑ Lysosomes ❑ RNA Replication ❑ Ribosomes	❑ True/False ❑ MCQ

Ms. Nada Fahmy
Biology Teacher

Sorted by: Best match

DISPLAY OPTIONS
Sort by: Best match
Per page: 10

TOTAL = 478 Questions

My Filters

Added by: ❑ Myself ❑ Others

Reviewed: ❑ Yes ❑ Not yet

History: ❑ Not used ❑ Used

001

During meiosis I, the number of chromosomes is

- ✓ Halved
- ✗ Tripled
- ✗ Doubled
- ✗ Quadrupled

002

In humans, at the end of the first meiotic division, the male germ cells differentiate into the:

- ✗ Spermatogonia
- ✗ Primary spermatocytes
- ✓ Secondary spermatocytes
- ✗ Spermatids

Preview Now

NEXT PAGE

Teacher

Exam Module

Profile | Add | Review | Plan | Launch | Report | Feedback | Help

Biology Quiz #5632A8

This ID number is generated automatically for each quiz/exam by the module.

Ms. Nada Fahmy
Biology Teacher

Grade 8
17 Questions
12:34 Minutes

If the question has been used before the average duration will be calculated for each question.

But, if the question has NOT been used before, an estimated time as: **1 words = 1 second** (including stem & options).

001

During meiosis I, the number of chromosomes is

- ✓ Halved
- ✗ Tripled
- ✗ Doubled
- ✗ Quadrupled

002

In humans, at the end of the first meiotic division, the male germ cells differentiate into the:

- ✗ Spermatogonia
- ✗ Primary spermatocytes
- ✓ Secondary spermatocytes
- ✗ Spermatids

Back | Save

Teacher

The teacher has now planned & saved many Quizzes/ Exams.

How to **launch** specific Quiz/Exam in the classroom?

Exam Module

Profile Add Review Plan Launch Report Feedback Help

Ms. Nada Fahmy
Biology Teacher

	Add	*Review*	*Launch*	*Report*
# of Q. to-date	**53**	**24**	**12**	**179**
Biology Records	123	24	34	240
Biology Ranks	9	1	5	3
School Records	452	63	87	588
School Ranks	23	3	11	9

Teacher homepage

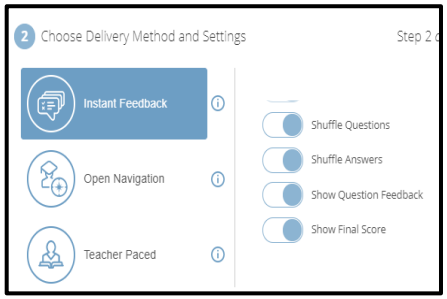
Exam Module

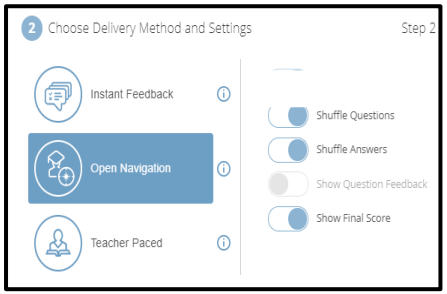
Profile | Add | Review | Plan | Launch | Report | Feedback | Help

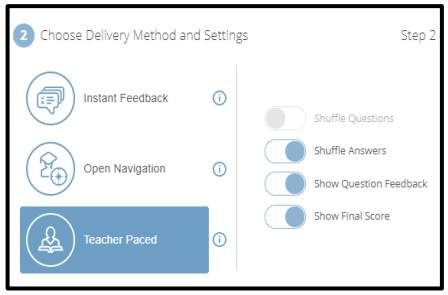
Ms. Nada Fahmy
Biology Teacher

Sorry!
You have no saved Quizzes/Exams

This message appears when there is no saved Quizzes/Exams







Teacher

Exam Module

Profile | Add | Review | Plan | Launch | Report | Feedback | Help

You have 4 Quizzes/Exams.

Ms. Nada Fahmy
Biology Teacher

Select Class

- 9/3
- 9/5
- 8/2
- 8/5
- 7/2

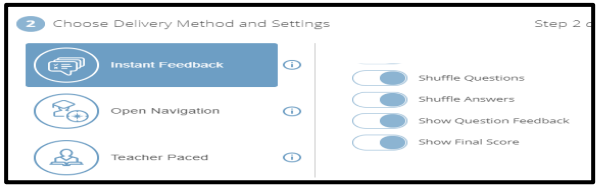
Can select one class or more.

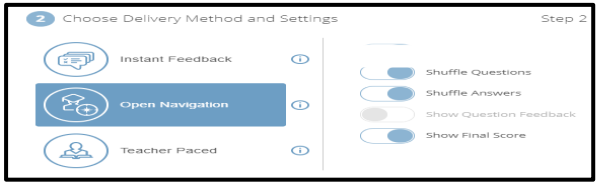
Select Quiz/Exam

If classes 9.5 is selected, only the first exam can be selected and others are inactive.

- #U25R6D-Grade 9 - 15Q. (12:32)
- #KPR58E-Grade 8 - 27Q. (23:05)
- #21SW9-Grade 8 - 11 Q. (09:12)
- #XSPG45-Grade 7 - 32 Q. (29:43)

Select Delivery Mode





Schedule launch

Date as

Today

Time … as dropdown list

Now
11:00
11:10
11:20
11:30

With 10 minutes intervals

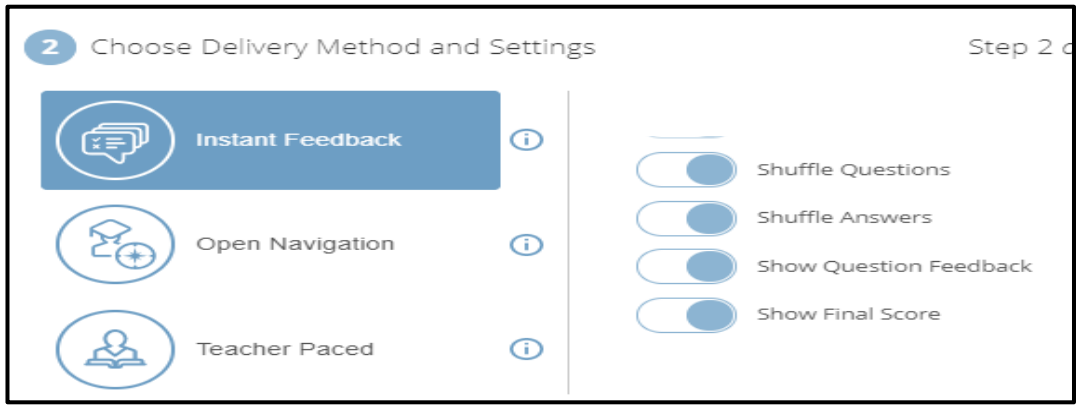
Teacher

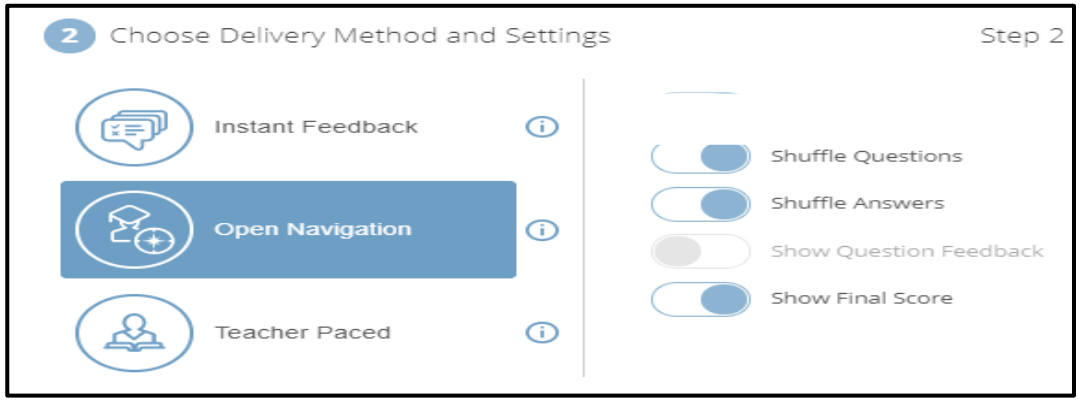
Select Delivery Mode

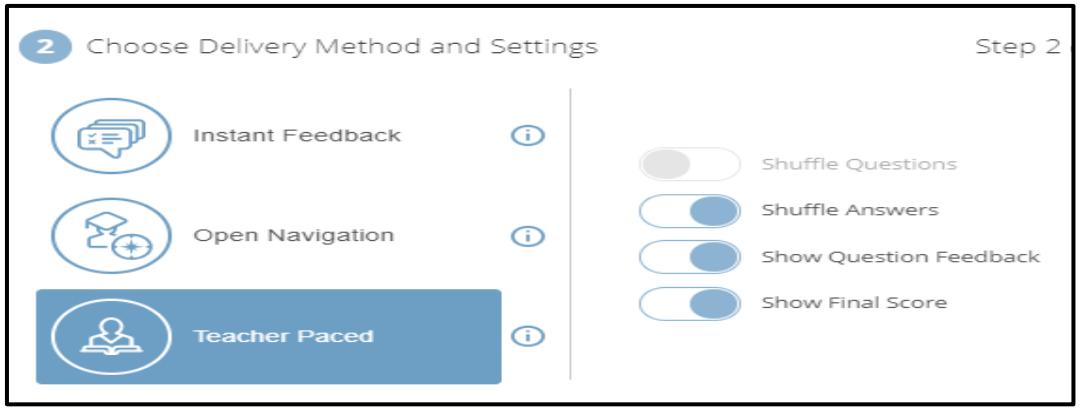
Teacher can select only ONE mode:

- ❑ Instant Feedback
- ❑ Open Navigation
- ❑ Teacher Paced

and each mode has its own *fixed* features.







After administration of one or many exams,
Teacher can develop **reports** as follows:

Exam Module

Profile Add Review Plan Launch Report Feedback Help

Ms. Nada Fahmy
Biology Teacher

	Add	Review	Launch	Report
# of Q. to-date	**53**	**24**	**12**	**179**
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Teacher homepage

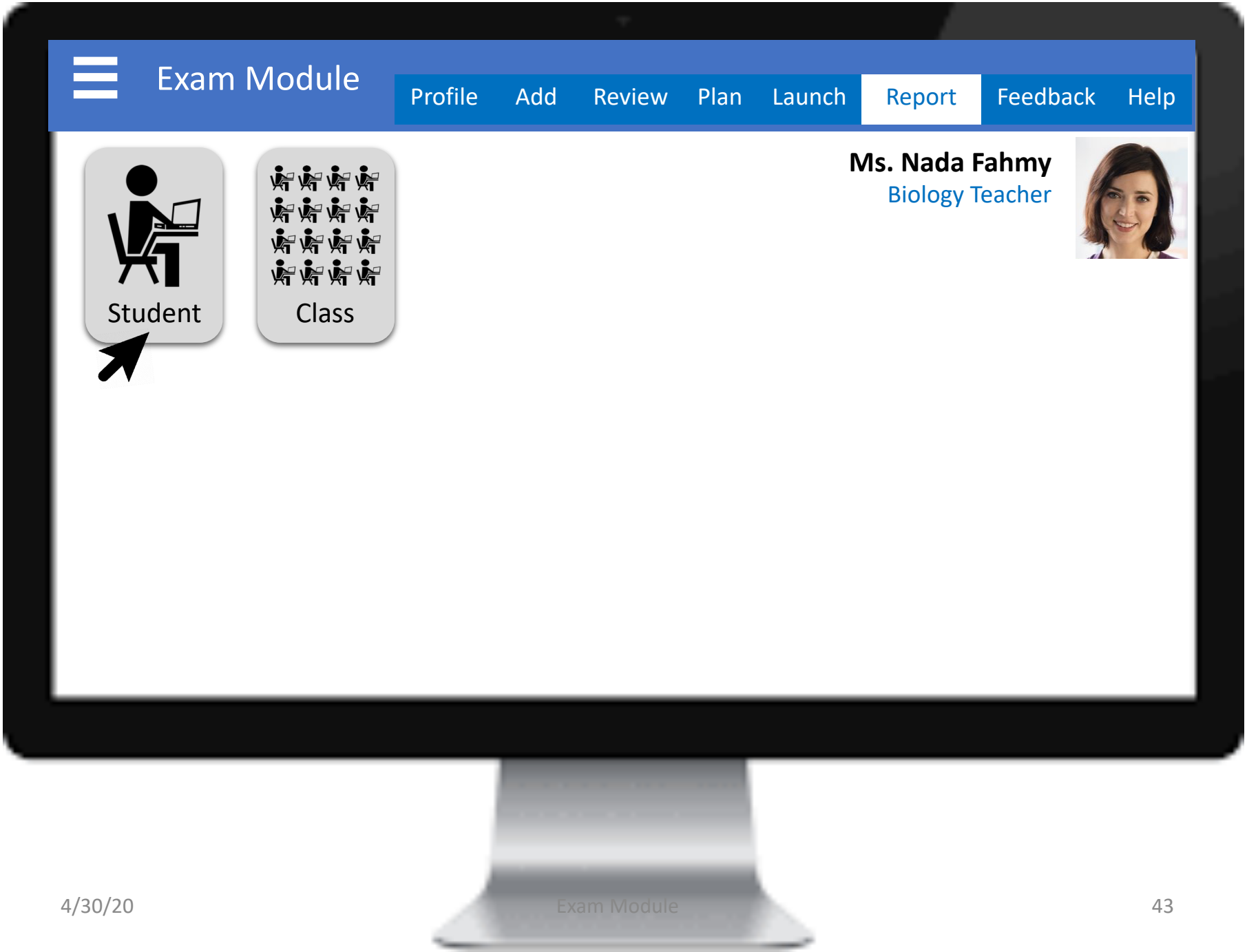
Exam Module

Profile | Add | Review | Plan | Launch | Report | Feedback | Help

Ms. Nada Fahmy
Biology Teacher

Student Report

Class Report


Exam Module
Profile
Add
Review
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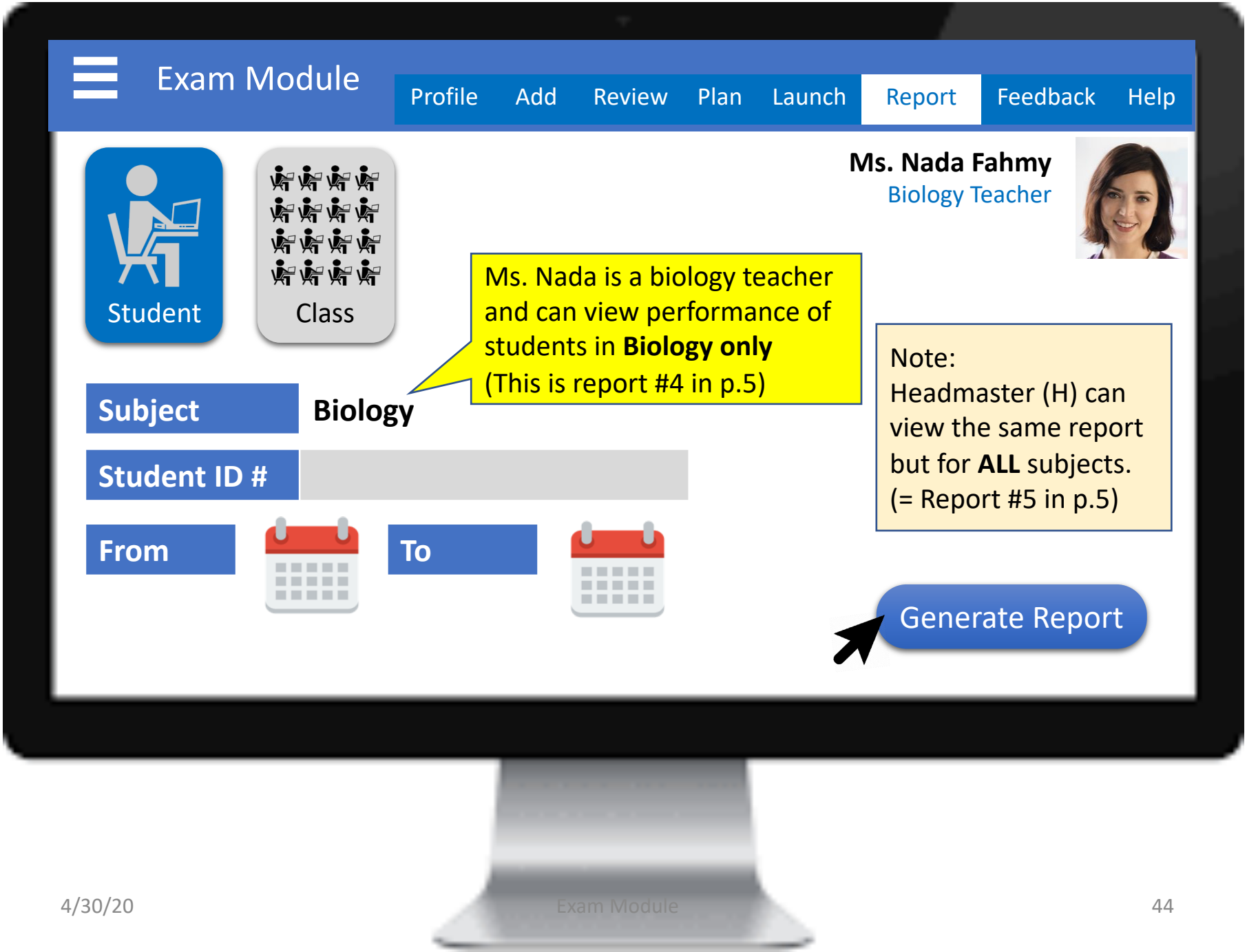
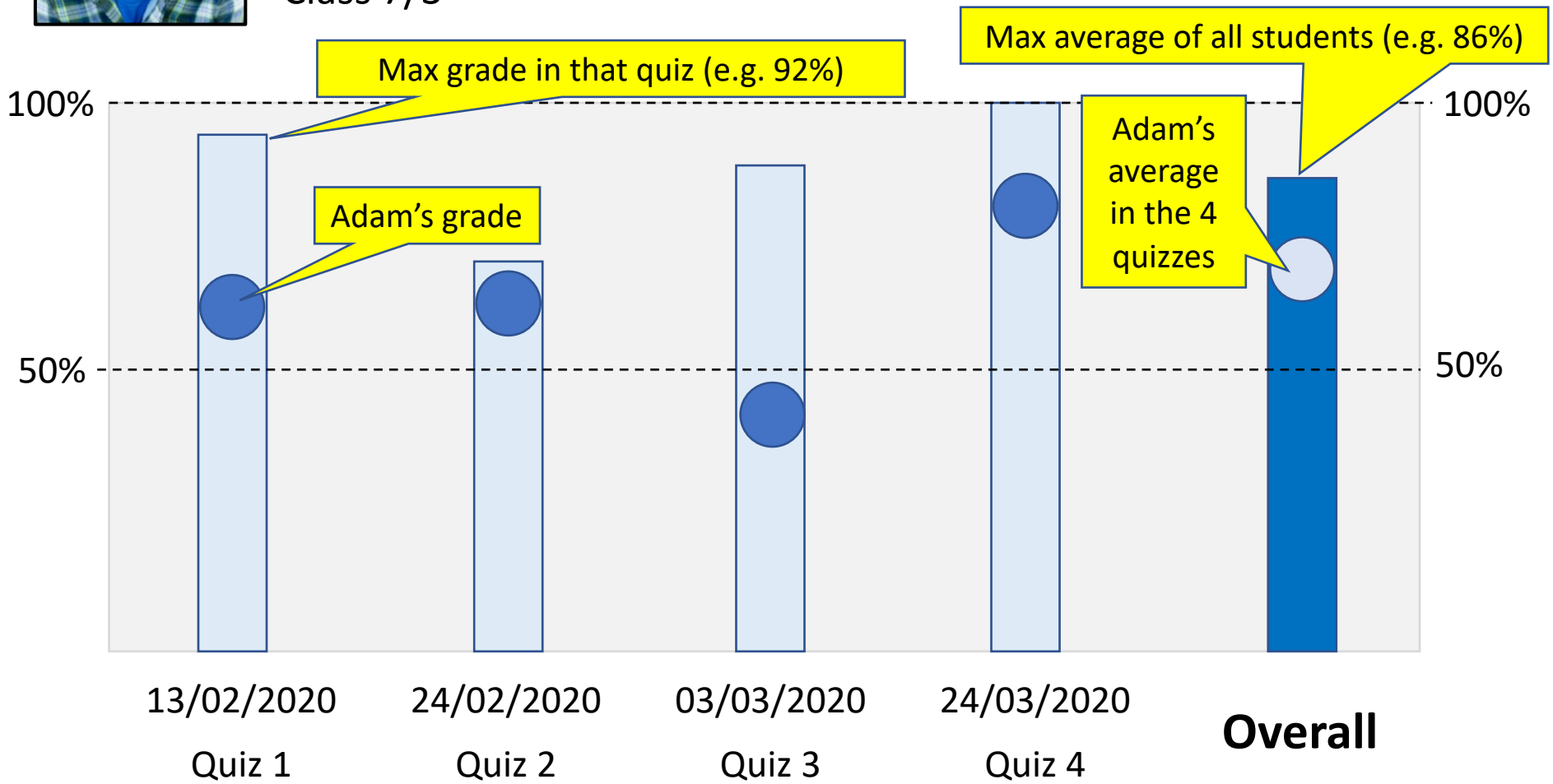
Report
Feedback
Help
Student
Class
Ms. Nada Fahmy
Biology Teacher

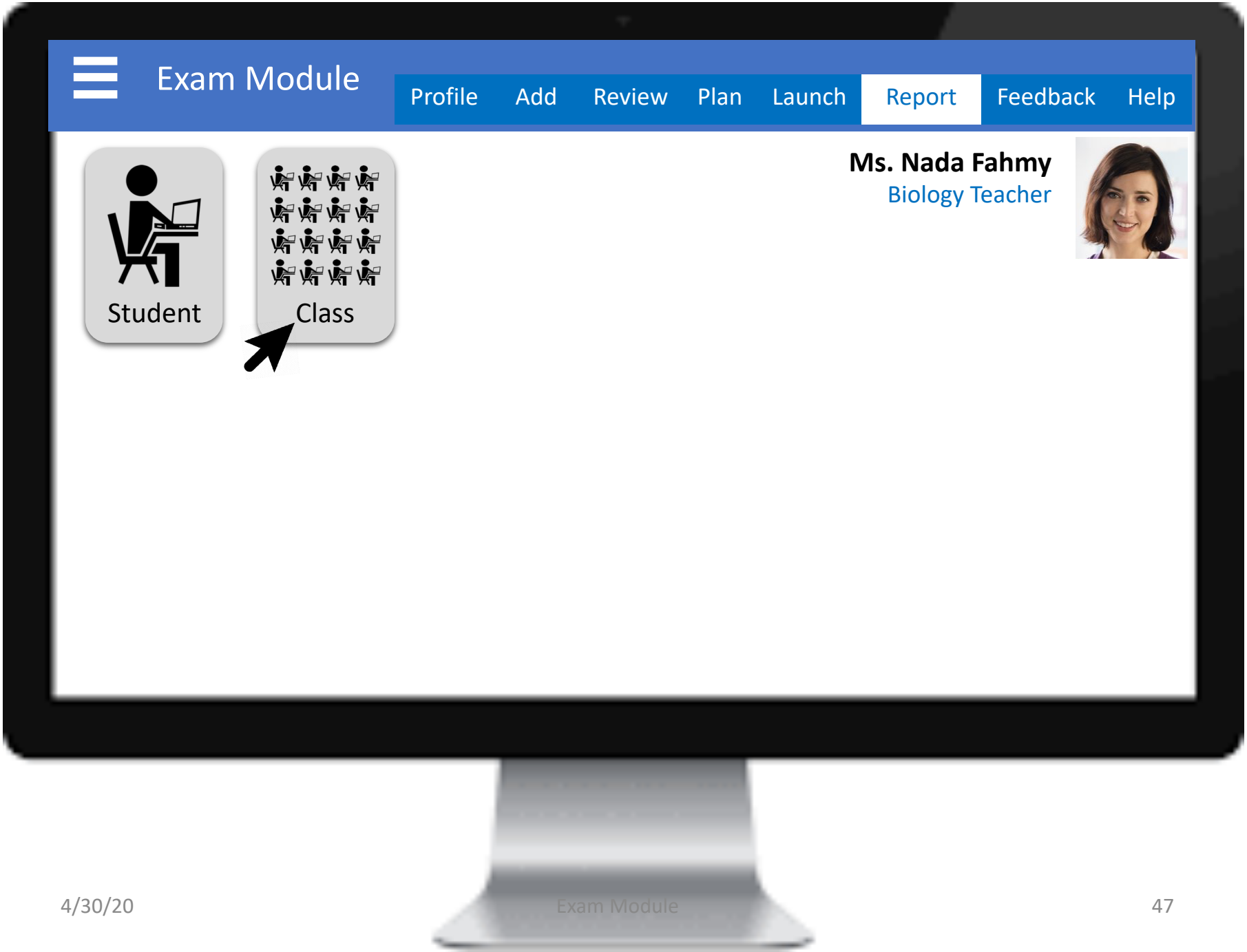

Exam Module
Profile
Add
Review
Plan
Launch
Report
Feedback
Help
Student
Class
Ms. Nada Fahmy
Biology Teacher
Ms. Nada is a biology teacher and can view performance of students in **Biology only** (This is report #4 in p.5)
Subject
Biology
Student ID #
From
To
Note:
Headmaster (H) can view the same report but for **ALL** subjects.
(= Report #5 in p.5)
Generate Report

A report of **ONE** student in **ONE** subject may look like this …

Adam Roshdy
School; SGH
ID # 123456789
Class 7/3

Learning progress in
Biology
11/02/2020 – 31/03/2020




Exam Module
Profile
Add
Review
Plan
Launch
Report
Feedback
Help
Student
Class
Ms. Nada Fahmy
Biology Teacher

Exam Module

Profile | Add | Review | Plan | Launch | Report | Feedback | Help

Student

Class

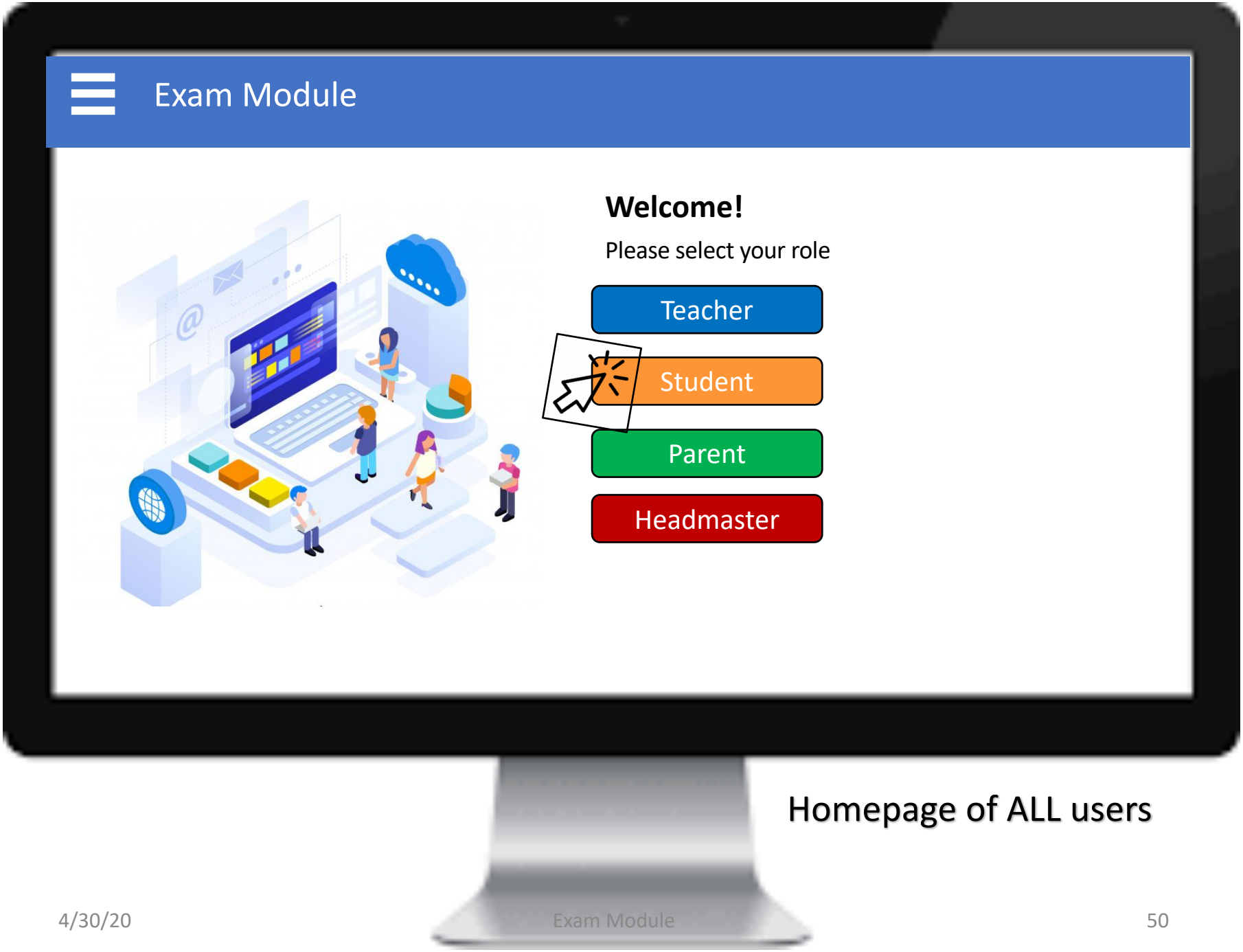
Ms. Nada Fahmy
Biology Teacher

Quiz	Class	# of St.	# of Q.	Date
D3HJ47	7/2	27/27	17	12 Feb.
GHW92	7/5	20/23	10	24 Feb.
KYHG41	7/2	21/27	15	02 Mar.
BNS6J4	7/2	25/27	18	07 Mar.
QLUD53	7/5	22/23	20	11 Mar.

Select one or more

Generate Report

Student’s Interface



Homepage of ALL users

Exam Module

Profile | Dashboard | Quizzes | Alerts | Report | Feedback | Help

These data are filled by school admin., not students

Adam Roshdy
ID # 123456789
Class 7/3

Father Info.	
First Name	
Family Name	
Email	
Mobile #	

Mother Info.	
First Name	
Family Name	
Email	
Mobile #	

Student Screen #1

Exam Module

Profile | Dashboard | Quizzes | Alerts | Report | Feedback | Help

Adam Roshdy
ID # 123456789
Class 7/3

Subject	Class Rank	Grade Rank
Biology	1	4
English	5	12
French	3	9
History	1	6
Math.	2	7
Social Sciences	14	32
ALL	**9**	**17**

Student Screen #2

Exam Module

Profile | Dashboard | Quizzes | Alerts | Report | Feedback | Help

On clicking on any previous exam, Adam can view his report/scores on **each** quiz/exam

Adam receives notification from his teacher

Adam Roshdy
ID # 123456789
Class 7/3

Past Quizzes	Future Quizzes
Chemistry – Sunday 14 Feb. 2020 @10:00 AM	**Biology** – Monday 04 May 2020 @ 11:30 AM
Math. – Monday 22 February 2020 @ 11:20 AM	**History**– Monday 12 May 2020 @ 10:00 AM
Biology– Tuesday 12 March 2020 @ 01:30 PM	**Math.** – Monday 16 May 2020 @ 12:30 PM
History – Monday 24 Mrach 2020 @ 09:10 AM	
Biology – Wednesday 04 April 2020 @ 12:30 PM	
Social – Monday 04 May 2020 @ 11:20	
Biology – Monday 04 May 2020 @ 11:20	

He cannot access these future quizzes unless the time has come.

Student Screen #3

Exam Module

Profile | Dashboard | Quizzes | Alerts | Report | Feedback | Help

Adam Roshdy
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Teacher Osama (Math.): *Homework is solving problems (#3-#6) p. 12*

Teacher Maryam (Biology) : *Please bring the notebook on Wednesday*

Teacher Hoda (History): *Be ready to present the causes for unemployment in the early stage of French renaissance (1856-1863)*

Student Screen #4

Exam Module

Profile Dashboard Quizzes Alerts Report Feedback Help

Adam Roshdy
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Class 7/3

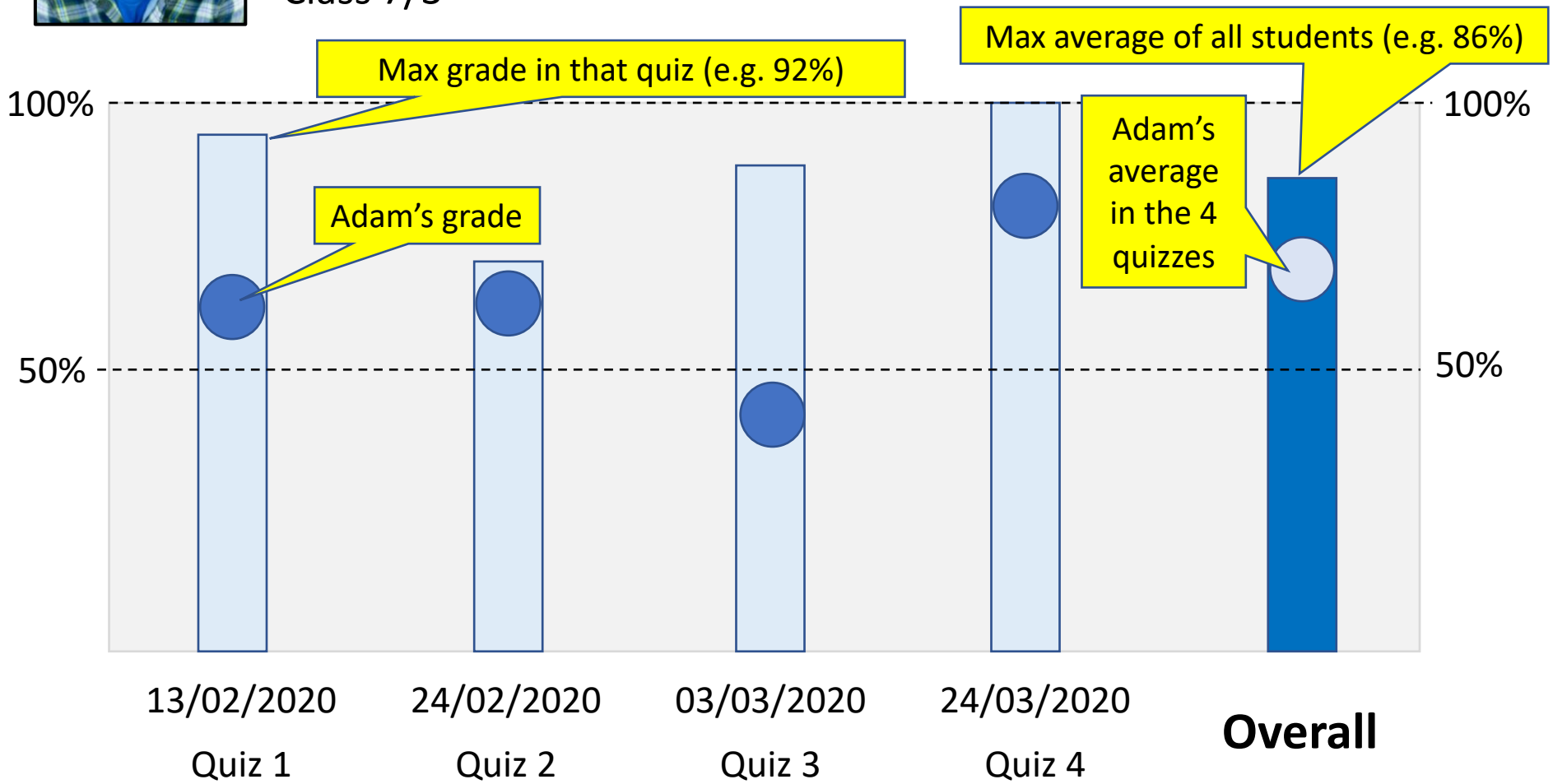
Subject **Biology**

List of all subjects and the last option is (**ALL**)

From **To**

Generate Report

Student Screen #5

Adam Roshdy
School; SGH
ID # 123456789
Class 7/3

Learning progress in
Biology
11/02/2020 – 31/03/2020