

“moodle APP” - the Mobile APPlication (vs 3.8) -

➤ “M-Learning” using Mobile “moodle APP”..

“M-Learning” is more than being “always online”; it is for on-the-go learning, “**anytime, anywhere**” even when disconnected since it can be done through the delivery of offline contents, previously downloaded.



A great tool to complement your full-Web-Browser Platform!

all these features at a touch of a button
& more! (see below)



Easily access course content

View course activities and download materials for offline use.



Check upcoming deadlines

View activities due, sorting by dates or by courses.



Connect with course participants

Quickly find and contact other people in your courses.



Keep up to date

Receive instant notifications of private messages, forum posts, calendar events and assignment submissions.



Engage in course activities

Attempt quizzes, post in forums, play SCORM packages, submit assignments and more - both on and off-line.



Track your progress

View your grades, check completion progress in courses and browse your learning plans.



Submit assignments

Upload images, audio, videos and other files from your mobile device.



Find more courses

Search the list of courses and enrol in new courses via the app.

(slide from 3E Software Solutions)

NOTE: the moodle APP can not do everything. This APP allows you to access most contents but some can't be viewed with it; in that case, a message will be displayed telling you to use the Web-Browser version instead.

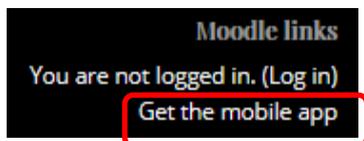
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➤ How to setup “moodle (Mobile) APP”

1. click the link in the Footer



OR

in the User's **Profile** page (under the User's name)



This message shows that the Site has “moodle APP” enabled but the logged User didn't use it yet.

2. How to get the “mobile APP”:



It is **available for free** from **Google Play** and the **Apple Store** for download and install:

- search for the mobile APP “[Moodle Pty Ltd](#)”, then
 - type the complete address (**URL**) of the School's moodle Site <https://moodle.novasbe.pt/>
 - tap “**CONNECT**” and enter your credentials... [username + password]
- See [Moodle APP downloads](#) for more info.



3. This message in the User's **Profile** **Mobile app connected** means this APP is ready to be used.

NOTE - to **create another User connection in the APP**:

- tap the “☰” **Menu APP** at the bottom of the screen (Fig 1),
- next, tap the “**Change site**” option, at the bottom (Fig 7),
- tap the “+” sign,
- enter the Site (full) address (<https://moodle.novasbe.pt/>), and tap “**CONNECT!**”,
- enter the Username and Password.

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➤ moodle APP notifications - configuration

https://docs.moodle.org/36/en/Moodle_app_notifications

Every time you open the APP, events are synchronised with the Website, keeping up-to-date with what's happening in your mCourses and on the Site.

To be able to receive messages and other notifications in this APP, check all your “**mobile notifications**” – **Notification** and **Messages preferences** - default Settings, and change them according to your needs:

- **via APP:**

1. go to the “**APP Settings**” (Fig 7) then “**Notification preferences**” (or **Message preferences**) (Fig 8),
2. move the slider so that “disable Notifications” is off,
3. move the slider to turn on Notifications for Assignment, Feedback, Forum etc. as required

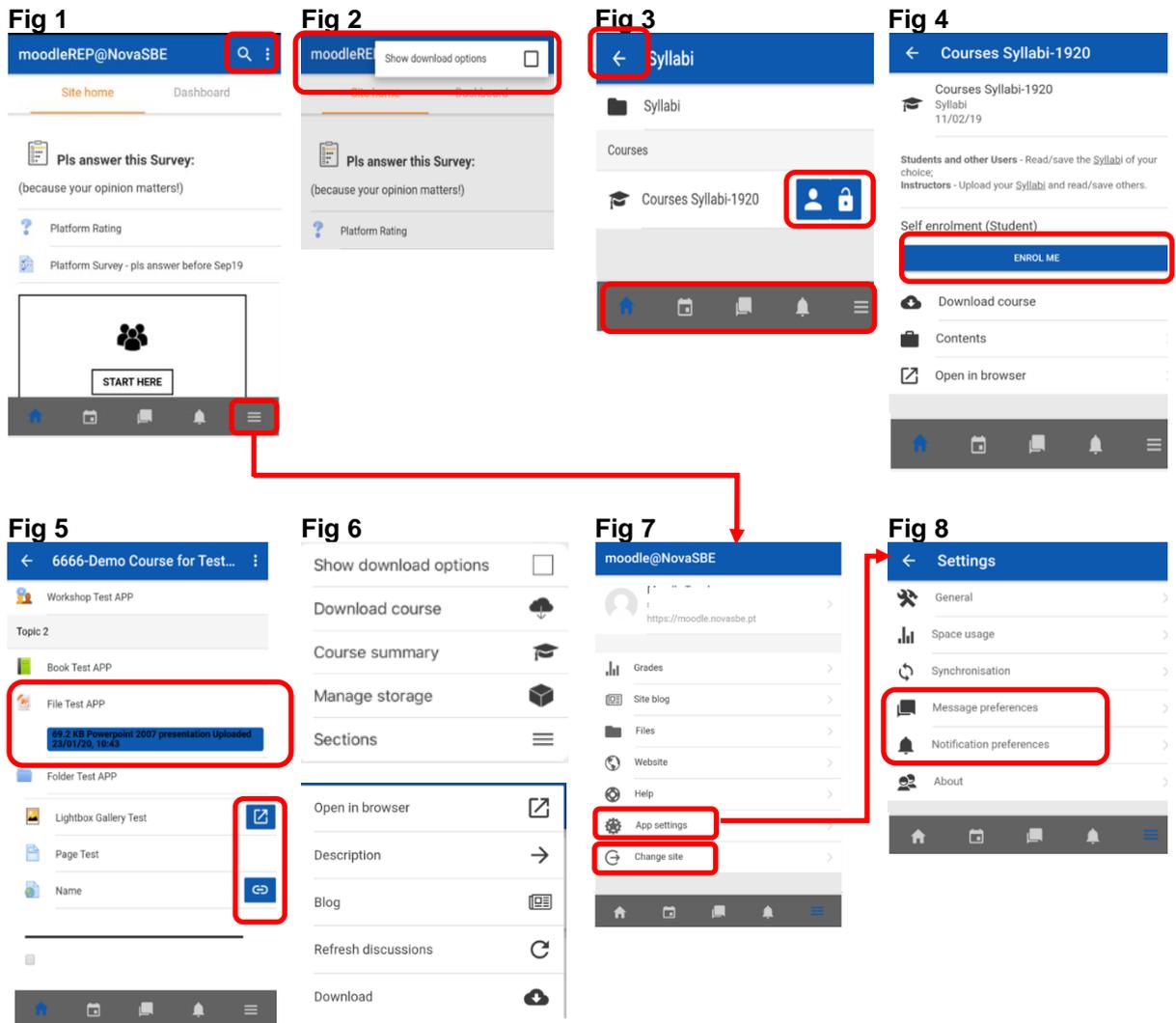
OR

- **via Website:**

1. go to your “**User Menu**” (top right of each page) and select “**Preferences**”,
2. click “**Notification preferences**” (or **Message preferences**),
3. click to turn on Notifications for Assignment, Feedback, Forum etc. as required.

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➤ Navigation (hints) – tap on...



NOTE - Drag&Drop = is => Tap&Drop.

Screen top icons:

- **Left:** “< Back” or “←” to go back to the previous screen (Fig 3);
- **Right:** “...” **Menu** (vertical or horizontal) (Fig 1);
This Menu options vary according to screen contents, (Fig 2):
Show download options,
 if inside a Course, the top options are the following (Fig 6) :
Show download options,
Download course,
Course Summary,
Manage storage
Sections,
 and after selecting a content (Fig 6):
Open in Browser,
Description,
Blog
Refresh,
Download...

Screen bottom icons (Fig 3):

- **Home** (go to “Site home” and “Dashboard” links);
- **Calendar** events;
- **Messages** (and Contacts);
- **Notifications**;
- “...” **Menu** (vertical or horizontal) with general App Settings and personal information.
This Menu options are (Fig 7):
 - Grades**;
 - Site Blog**;
 - Private files**;
 - Website** – go to the Full Web Browser Site,
 - Help**,
 - APP Settings**(*),
 - Change site** – to change Site and/or User,and in the (*) “APP Settings” sub-menu (Fig 8):
 - General**,
 - Space usage**,
 - Synchronisation**,
 - Message preferences**,
 - Notification preferences**,
 - About**.

NOTE 1 - when tapping a Course Name, **before being enrolled** in it, you may have 2 icons to its right (Fig 3):

- a “**person**” icon – for a **Guest access**; scroll down for its ReadOnly contents;
- a “**key lock**” icon – for a **Student access**; tap on “**ENROL ME**” (Fig 4) and enter the EnrolmentKey (one time only).

NOTE 2 - **icons that may show to the right of contents** (Fig 5):

- “**Cloud**” with **Down** arrow = download,
- “**Square**” with **Up** arrow = open in full Web Browser,
- “**File**” = download

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➤ The “moodle APP”

- **is ...**
 - developed for **mobile** devices,
 - redesigned with an **improved UX interface**, “... and <https://moodle.org> is improving it as we speak... ”,
 - working in **Android** or **iOS** onward devices,
 - **free** to download and use,
 - intended **for Students** work,
 - with **offline** capabilities,
 - to receive instant **Notifications**,
 - to quickly access mCourses **materials**,
 - **not for updating mCourses** – for which Instructors should use a full Web Browser instead,
- **please take into account that...**
 - in 2018, **52.2% of all website traffic** worldwide was generated through mobile devices,
 - Users may **spend up to 3-4h/day** (for 18-24years old) using their mobiles, and check them for updates up to 8X/hour,
 - the smaller the screen the **shorter the “work session”**,
the average time spent per **interaction goes from 17min** in a mobile, 30 on tablets, up to 39min in a desktop,

- its use is highly **disruptive** – due to Notifications, sounds, games..., plus mobile Users connect and disconnect very often,
- mobiles are used for “**micro-moments**” (= each quick mobile action) and “**precise bytes of learning**”, that’s why contents should be small sized.

What is Mobile Learning:

<https://www.youtube.com/watch?v=OPY2ZCI0TY> (04:10 - 3E Software Solutions)

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➤ “Best Practices” for mobile APP (mobile learning strategy)

The mobile App is a **different input** (from Desktops, Laptops or Tablets) and is best suited for simple activities such as writing brief eMails or Forum posts, checking for module updates and Calendar events; more extended writing and interaction (Quizzes, Wikis) are best for Desktops and Laptops.

Courses contents should comply with the **restrictions** for mobile APP usage.

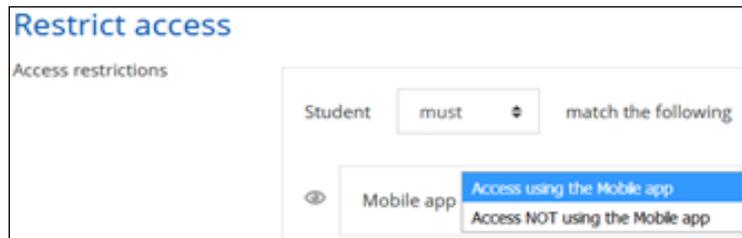
For mobile friendlier mCourses, Teachers should take into account “**mobile best practices**” when creating their mCourses:

• **Content creation** (from a mobile standpoint)

- design for **screen size**, making it **simple and consistent** - optimize your materials for mobile screens:
reading in small screens can still work, if brief and the text zoom is adaptable – better yet use slides presentations and small videos with content broken in small chunks to minimize the amount of text Students have to scroll through,
- design for **(short) “session times”**,
- The site or course **blocks (right panel) are not displayed** in the **mobile APP on the right**, but at the bottom of the page.
- keep **descriptions short and simple** – “KISS” rule (Keep It Simple and Stupid); show file description, size and type, to inform Students what they are about to open,
- watch for **file/images sizes** - pixels cost bandwidth;
add required images only and crop them to show only areas of interest,
- use **Page** or **Book** Resources preferably,
- use **PDF files** – this format works across most OS,
- **avoid** uploading **many** documents or text **heavy pages**,
- **avoid text in images** as they may have legibility issues,
- include **YouTube videos** and provide them in a **Folder** for download and offline viewing; media files to be downloaded, such as video, should be uploaded to the mCourse, rather than linked to YouTube, Vimeo etc;
their size must be small – less than 2MB for 3G Users or less than 20Mb for WiFi Users,
- add **YouTube links as a “URL”** resource so that will open automatically in the APP;
- use **standard media file** formats:



- Full Web Browser version - in the contents configuration **Settings**-“**Access restrictions – Mobile APP**” option, Teachers may choose if an **Activity, Resource or Section** is (or is not) visible/available for Users accessing the Course via the mobile APP:



NOTE - only moodle core Modules will work with moodle APP; added Plugins will not work - in this case the User will be taken to the Browser version of the Platform – click “**Features – detail**” for more info.

• Assessments

- if “BYOD” (Bring Your Own Devices) is allowed in your classes, you may use the “**Choice**” activity,
 - **Quizzes** are well suited for out-of-class testing on mobiles, to help Students diagnose their understanding before training events or for revision after them:
 - beware of the **Quiz length**;
it’s better 3 short Quizzes than 1 big one,
 - **Essay** questions (not mobile friendly):
 - text questions may consider “Plain text” as the “Response format”;
- 
- The image shows a screenshot of the Moodle 'Response Options' configuration page. The title is 'Response Options' in blue. Below it, the section is 'Response format'. There are two radio button options: 'Plain text' (which is selected) and 'HTML editor'.

NOTE - Quiz Questions are downloaded into the mobile APP, but not the valid responses.

• Communication - to get immediate information,

- configure/enable **Notifications** to be sent to the APP - most communication tools trigger those – more in the “**moodle APP notifications – configuration**” section above;
- every time the APP is opened, events are synchronised with the Website, make sure that your Students **enable mobile Notifications** also so they are alerted about Calendar events, Forum posts, Messages, Assignment submissions and so on.

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➤ Features summary (and detail)

- **offline capabilities** (after downloading contents first),
- while browsing contents, you may **download them for offline usage** via the “cloud” icon, on the right; only Sections with downloadable materials will show that icon,
- when visiting a page/section, **the data retrieved** from the Server is stored for offline usage; viewing offline Activities and Course/Site features is only available if the User previously opened them,
- Course documents, images, audio or video files downloaded will be in the APP's own file **repository for offline viewing**,
- uploaded photos, audio or videos taken on your Smartphone or Tablet will be in the “**Private File**” area in moodle,
- for **simple activities** such as writing brief eMails or Forum posts, while checking for module updates and Calendar events,
- to receive instant **Notifications** of messages or other events, that you may download for offline viewing,
- to quickly find and **contact other people** in your Courses,
- to **track your progress**, as a Student, mark tasks as complete and browse your Learning Plans,
- to interact with **Course materials**: attempt Quizzes, post in Forums and Assignments, ...,
- to view **Grades** – tap on the Top Menu of the “**Grades**” page
tap “< Back” in the upper left corner, to go back,
- open and save docs in **GoogleDrive or Dropbox or other** services configured on your phone,
- **Teachers can grade** Assignments, give points and written feedback, even offline,
- **not all contents will be visible** through the APP; in this case a message will be displayed asking to use a full Web Browser instead,

Newest Features:

- **See your courses at glance** - Your courses are listed with easy access to contents, participants, grades and notes. A useful filter field lets you find a particular course quickly. If your token expires during a session, you're prompted to re-enter your password and continue.
- **View and access activities which are due** - The timeline display shows you which tasks you need to complete, with quick access links.
- **Orientation and resolution support** - The APP displays in portrait or landscape view, whatever your screen resolution.
- **Easily access course content** - View course activities and download materials for offline use. Work through Books and IMS Content packages directly in the APP. The downloading status of resources is preserved even when changing sections or pages.
- **Activity completion** - Track progress from your device with Activity completion. Automatic completion is registered, and students can also manually mark a task complete on their mobile.
- **Grades** - A Grades link for each course gives fingertip access to the gradebook, and teachers can view assignment submissions on the move.
- **Notes** - Teachers can view site, course and personal notes about their students and add their own notes.
- **Message participants** - Send and view private messages to colleagues and students from the Messages link in the side tab.
- **Keep up to date with calendar events** - Site, course and user events can be viewed in the calendar. Calendar events can now be viewed offline and infinite scrolling is available.
- **View and upload to your Private files** - Check the contents of your private files and upload media to them on the go. You're now allowed up to 50MB storage (depending on your SD card).
- **Notifications** - Keep up to date with notifications. The APP supports both local (calendar events) and push (messages, forum posts, submitted assignments etc) notifications. See Mobile APP notifications for more details. Infinite scrolling is available and local notifications have multi-site support.
- **Search the list of courses** - APP users can search courses to find one they wish to take.
- **Download all course sections**
- **Take quizzes on your APP**

- **Teachers: Grade assignments** - Assignments may be graded on the move, from the APP and may be graded **offline**
- **Notifications & Messaging preferences** - Mobile Push notifications
- **Submit to workshops from the APP**
- **Responsive design for phone and tablets**

... for a **complete list of features** supported by this APP go to:
https://docs.moodle.org/38/en/Moodle_app_features

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Features – detail

Activities	View	Submit	Download	Offline
360° feedback				
Active quiz				
Assignment	x	x	x	x
Attendance	x	x		
BigBlueButton	x	x		
Chat	x			
Choice	x	x	x	
Database	x	x	x	x
Feedback	x	x	x	
Forums	x	x	x	
Glossary	x	x	x	x
Group choice	x	x	x	
Lesson	x	x	x	x
Questionnaire	x	x		
Quiz	x	x		
Realtime quiz				
Scheduler				
Survey	x	x		x
Team Builder				
Turnitin Assignment 2				
Wiki	x	x	x	x
Workshop	x	x	x	
Resources				
Book	x		x	
File	x		x	
Folder	x		x	
Label	x			
Lightbox Gallery				
Page	x			
URL	x			

x	Supported
	Not Supported

WARNING: Regarding the Platform's "full Web Browser version":

- *Offline work is available only in the APP; there is no offline functionality in the Browser version;*
- *after Offline work in the APP, it's necessary to **synchronize all work done.***
Synchronization works differently depending on the device:
 - Android:** The APP must be opened but it can be in the background (you can be using a different APP).
 - iOS (iPhone, iPad):** The APP must be opened and in the foreground (it has to be the device active APP).

Automatic synchronization

When an activity that can generate offline data is opened in the APP, that activity will always be synchronized if the device is connected. For example, when opening a wiki while online, any offline data will be synchronized.

Furthermore, each activity type has an automatic synchronization process that runs regularly, usually every 10 minutes.

If an automatic synchronization runs when the device is offline, it will stop running until the device is online again. When the device is next online, all the automatic sync processes that were stopped will be run immediately, synchronizing the activities with offline data that weren't synchronized in the last 5 minutes. For example:

1. **Forum sync process runs.** Device is online, so it is executed.
2. Device goes offline.
3. **Wiki sync process runs.** Device is offline, so it stops being executed.
4. Device goes online.
5. Wiki sync process is executed since it was stopped. Forum isn't executed yet because it wasn't stopped, it will be executed after 10 minutes from step 1.

Manual synchronization

The activity can also be synchronized by opening the context menu in the top right and clicking "Synchronize". So if a user performs a Pull To Refresh in a certain wiki, only that wiki will be synchronized. Performing a Pull To Refresh outside of the activity (e.g. in the section) will do nothing.

(https://docs.moodle.org/38/en/Moodle_app_synchronization)

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➤ more info...

moodle APP FAQ

https://docs.moodle.org/38/en/Moodle_app_FAQ

To ensure your courses are mobile-friendly, and things to avoid...

https://docs.moodle.org/36/en/Creating_mobile-friendly_courses

<https://blogs.city.ac.uk/learningatcity/2017/08/01/top-5-tips-for-moodle-mobile-design/#.XAF90h-YTQw>

<https://www.moodlenews.com/2016/tips-for-creating-a-mobile-friendly-course-in-moodle/>

other Documentation:

<https://moodle.com/moodle-app/>

https://docs.moodle.org/38/en/Moodle_Mobile_quiz_offline_attempts

https://docs.moodle.org/dev/Moodle_Mobile_3.8.0_release_notes

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Your feedback is greatly appreciated!
For additional info, please contact me.

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