



# Moodle Mobile app

Dani Palou

@moodlemobileapp

MoodleMoot Euskadi 2015  
#MOOTEU15

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# Disclaimer

This presentation is about the official app for Android, iOs, Windows Phone 8 and Windows 8.

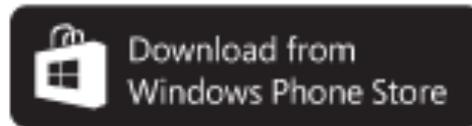
If you are more interested in using mobiles to support learning with Moodle, see:

- <http://www.slideshare.net/epictalk/20-tips-for-mobile-learning-in-moodle>
- <http://www.slideshare.net/epictalk/using-mobiles-to-support-active-learning-with-mobile>

# Moodle Mobile

Moodle Mobile is the official mobile app for Moodle

<https://download.moodle.org/mobile/>



# Development

**Martin  
Dougiamas**

Benevolent  
dictator

@moodler

**Juan  
Leyva**

Team Leader &  
Developer

@jleyvadelgado

**Frédéric  
Massart**

Developer

@FMCorz

**Barbara  
Ramiro**

Designer

@Barbara\_Ramiro

**Helen Foster  
& Mary Cooch**

Documentation

**Costantino  
Cito**

Moodle  
Developer

**Daniel Palou**

Mobile Developer

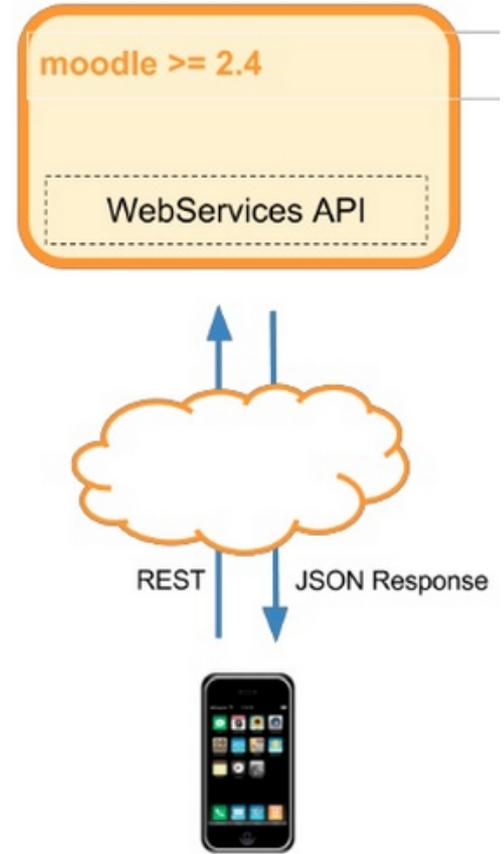
# What is Moodle Mobile for?

- Moodle Mobile is an app aimed mainly at students and teachers.
- It connects to your Moodle sites as long as they allow it.
- Its main purpose is to “read” data both in online and offline mode.
- Provides some native features not available using Moodle web on a Mobile browser.

# Features

## Feature availability depends on:

- The Moodle site version
- Moodle Mobile additional features plugin installed
- Settings and capabilities



# Addition features plugin

- Moodle plugin developed and maintained by Juan Leyva.
- Adds new features to the Moodle Mobile app.
- A Moodle 2.4 with the latest version of the plugin installed has the same Mobile features available than a Moodle 2.9 installation.
- Extra features: Support for sites using SSO authentication methods (Shibboleth and CAS).
- A new Moodle Mobile major version requires to upgrade this plugin in your Moodle installation.

[https://docs.moodle.org/en/Moodle\\_Mobile\\_additional\\_features](https://docs.moodle.org/en/Moodle_Mobile_additional_features)

# Responsive design

< My courses Participants

-  Tereza 伊藤
-  Ethan Schulz
-  Matěj Miller
-  Ethan Соколов
-  翔 伊藤
-  Paul Horáková
-  Jayden 高橋
-  София Fischer
-  Ларьа 高橋

< My courses Participants

 William Schmidt

**Contacts**

Email: mymailbox@email.com

City: Barcelona

Country: Spain

**Description**

Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

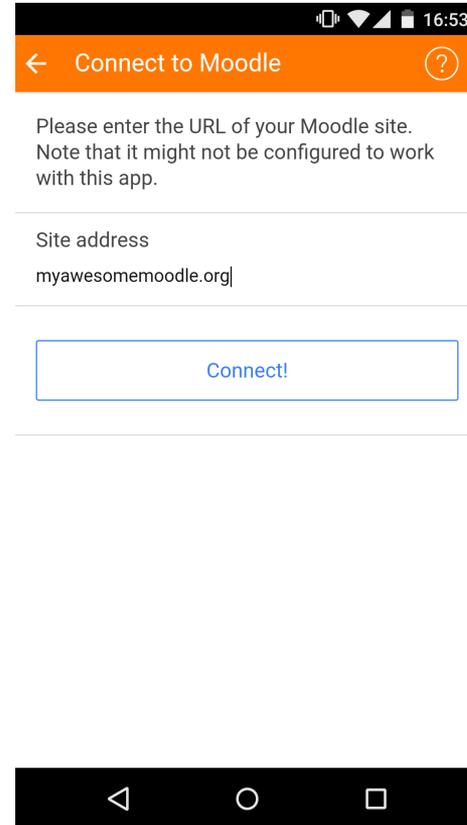
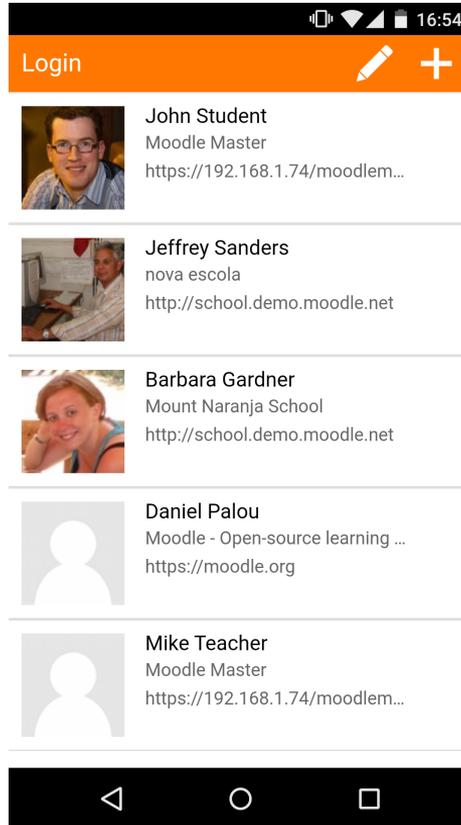
[Add a note](#)

[Send a message](#)

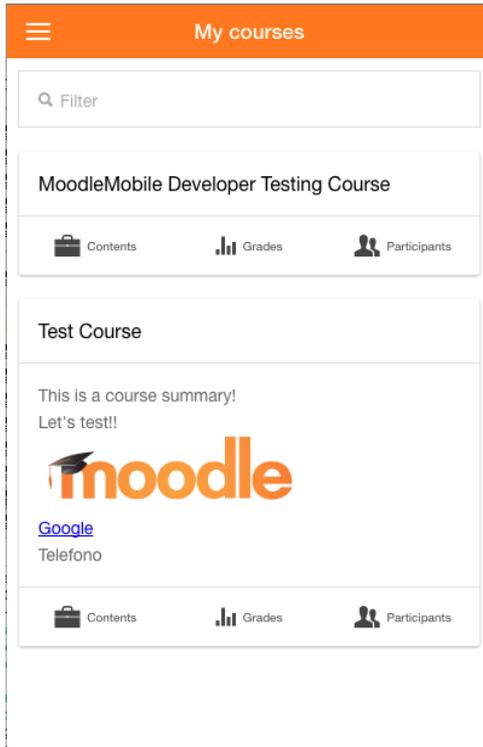
[Grades](#)

-  Мария Miller
-  Иван 中村
-  William Schmidt
-  Полина 斎藤
-  翔 Brown
-  美咲 Schmidt
-  Hanna Кузнецов
-  Lukáš Meyer
-  Isabella Procházková
-  葵 Лебедева
-  Leah 山本

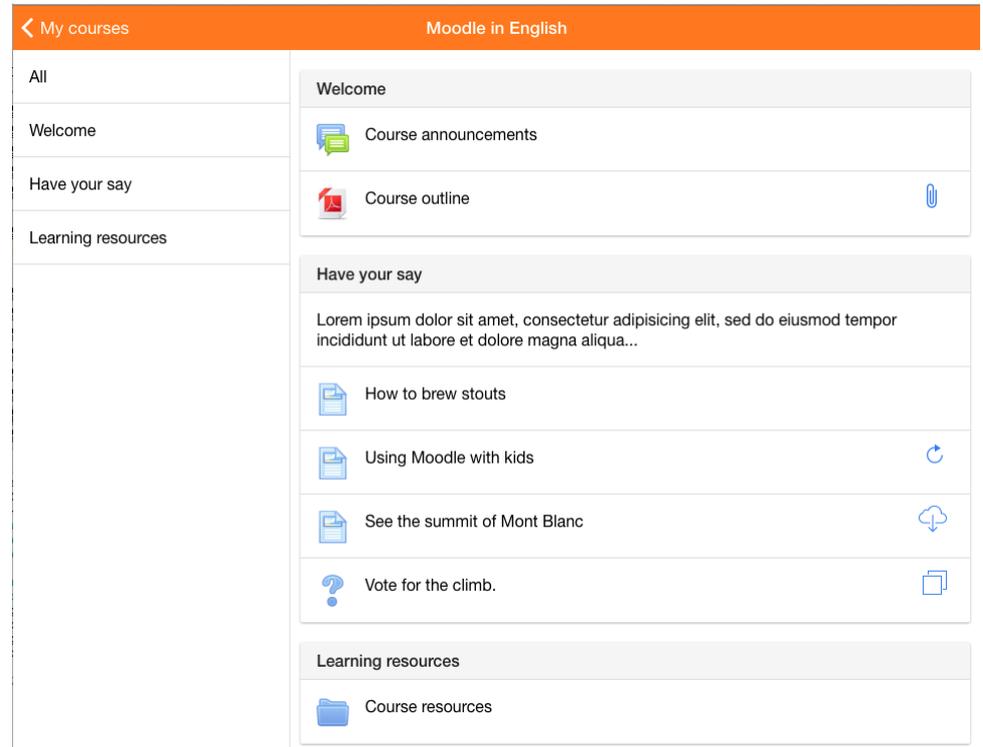
# Multisite



# Course and contents



The screenshot shows the 'My courses' screen in the Moodle mobile app. At the top, there is an orange header with a hamburger menu icon and the text 'My courses'. Below the header is a search bar with a magnifying glass icon and the text 'Filter'. The main content area is divided into two course cards. The first card is for 'MoodleMobile Developer Testing Course' and features three icons: a briefcase for 'Contents', a bar chart for 'Grades', and two people for 'Participants'. The second card is for 'Test Course' and includes a summary: 'This is a course summary! Let's test!!', the Moodle logo, a 'Google' link, and the text 'Telefono'. It also features the same three icons as the first card.



The screenshot shows the 'Moodle in English' course page in the Moodle mobile app. At the top, there is an orange header with a back arrow icon, the text 'My courses', and the course name 'Moodle in English'. The page is divided into several sections. The first section is 'All', which contains a list of course items: 'Welcome', 'Have your say', and 'Learning resources'. The second section is 'Welcome', which contains two items: 'Course announcements' with a speech bubble icon and 'Course outline' with a document icon and a paperclip icon. The third section is 'Have your say', which contains a paragraph of Lorem ipsum text and an item 'How to brew stouts' with a document icon. The fourth section is 'Learning resources', which contains an item 'Using Moodle with kids' with a document icon and a refresh icon, an item 'See the summit of Mont Blanc' with a document icon and a share icon, and an item 'Vote for the climb.' with a question mark icon and a copy icon. The fifth section is 'Course resources', which contains an item 'Course resources' with a folder icon.

# Resources (1): File, Folder, Label

< Moodle in English Cou...

Lorem ipsum dolor sit amet, consectetur adipisicing elit. Nobis quidem voluptas dolorum accusamus deleniti. Obcaecati eum voluptatem distinctio doloribus minima, consequatur. Tempore in, eligendi quo animi eum nam accusamus voluptates.

 Planning document

 A brief history of Mont Blanc.docx

 List of necessary equipment.xlsx

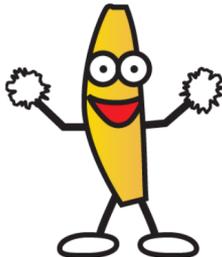
 Requirement for night in the Alps.pptx

This is a label with a really long text and it will be cropped in the app. To see the whole label, the user needs to access...

Tap to view the label.

 Standard forum for general use

< Back Label



# Resources (2): Page and URL

← Back A simple page with images

This is a page

With some [external links](#)

That has some *formatting* and images:



Another image:



← Back 23 de abril - 29 de abril

 Google 

← Back Google

Description of [Google](#) URL.

URL this resource points to  
<https://www.google.es>

 [Access the URL](#)

# Activities (1): Forums

< Back Standard forum for general use 

This forum is for general use, its purpose is to be a social meeting point between all the users in this course. You can post whatever you would like to as long as it's appropriate content.

9 discussions



Hi

John Student

Wed, 3

Hello everyone I'm John.

 2 replies  
 5 days



Welcome

Mike Teacher

Wed, 3

Welcome everyone to this forum!(Edited by Admin User - original submission Wednesday, 3 June 2015, 5:54 pm)

< Back Hi



John Student

Wed, 3

Hello everyone I'm John.



Admin User

Re: Hi

Thu



Admin User

Re: Hi

Thu

Hello John!!

Welcome!



pdf.pdf



Share Android.png



# Activities (2): Assignments

< Back First assignment 

This is the first assignment!  
Please review your work before submitting it.  
Don't forget the due date!

 Ionic\_in\_Action\_v4\_MEAP.pdf 

Allow submissions from  
Apr 30, 2015 12:00:00 AM

Due date  
Aug 7, 2015 12:00:00 AM

Cut-off date  
Aug 10, 2015 12:45:00 PM

[Add submission](#)

< Back First assignment 

Cut-off date  
Aug 10, 2015 12:45:00 PM

**Submissions**

 Admin User  
Jun 12, 2015 12:52:34 PM submitted

Attempt number: 0

[View submission](#)

 /20141218\_#mootes14\_Progra  
ma\_Definitivo.pdf 

 Mike Teacher  
Jun 12, 2015 1:11:04 PM new

Attempt number: 0

# Grades

< My courses

Grades

Grade item	Weight	Grade	Range	Percentage	Feedback	Contribution to course total
MoodleMobile Developer Testing Course						
Average lecture	-	80.00	0-100	80.00 %	Feedback text, lorem ipsum bla bla bla bla Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.	-
Grades cat 1						
Task	50.00 %	90.00	0-100	90.00 %		45.00 %
Subcategory						
New forum with grades	100.00 %	B	D-A+	50.00 %		25.00 %
Subcategory total Simple weighted mean of grades.	50.00 %	50.00	0-100	50.00 %		-

< My courses

Grades

Grade item	Grade
MoodleMobile Developer Testing Course	
Average lecture	80.00
Grades cat 1	
Task	90.00
Subcategory	
New forum with grades	B
Subcategory total Simple weighted mean of grades.	50.00
Grades cat 1 total Simple weighted mean of grades.	70.00
Category hidden until 2020	
Data base	70.00
Category hidden until 2020 total Simple weighted mean of grades.	70.00

# Participants

< My courses

Participants

 Мария Jones	 Мария Jones
 Paul Horáková	<b>Contacts</b>
 Анастасия 高橋	Email: mymailbox@email.com
 Sophia Schulz	City: Barcelona
 Isabella Кузнецов	Country: Spain
 Иван Попов	<b>Description</b>
 美羽 Петрова	Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.
 颯太 高橋	<a href="#">Add a note</a>
 美咲 Попов	<a href="#">Send a message</a>
	<a href="#">Grades</a>

# My files and site files

 **My files**

My private files >

The files that are available in your private area on this Moodle site.

Site files >

The other files that are available to you on this Moodle site.

 My files **My private files** 

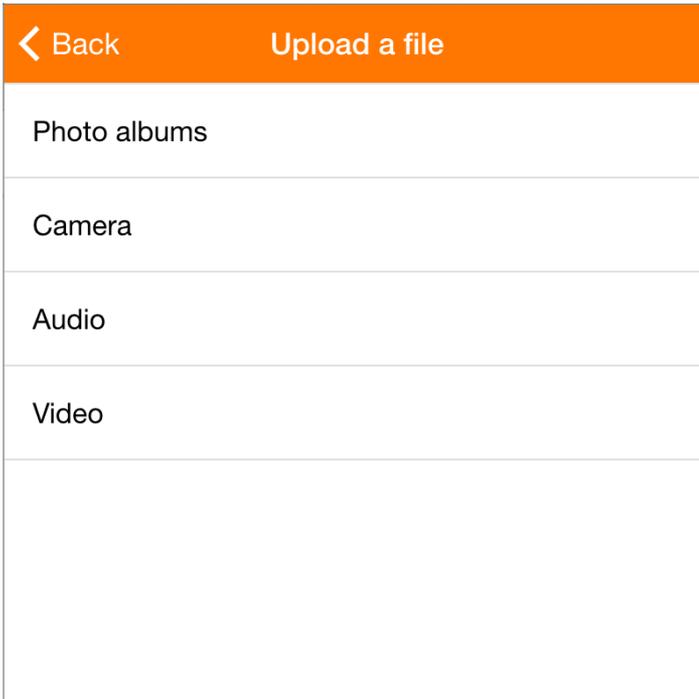
 Course material

 Exams

 Beer brewing.pdf

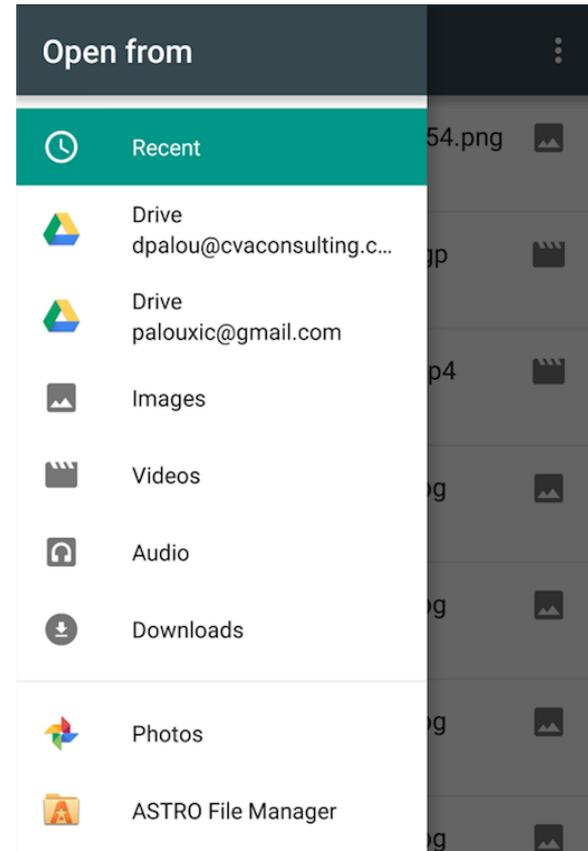
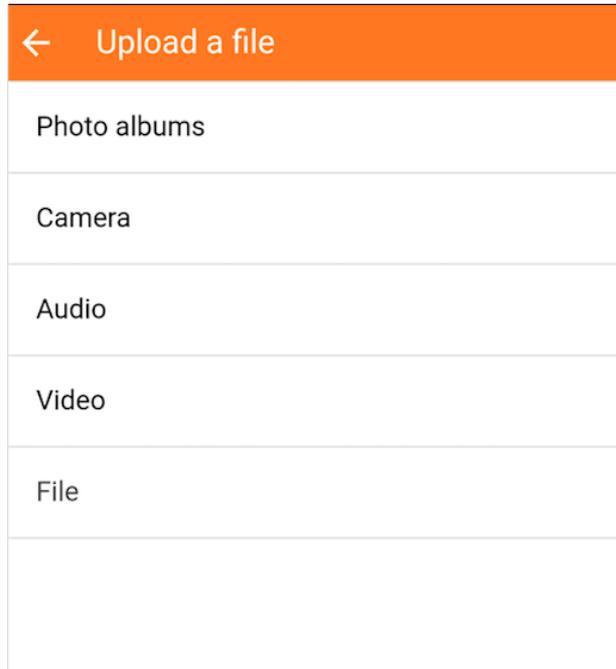
 Work expenses.xls

# Upload files

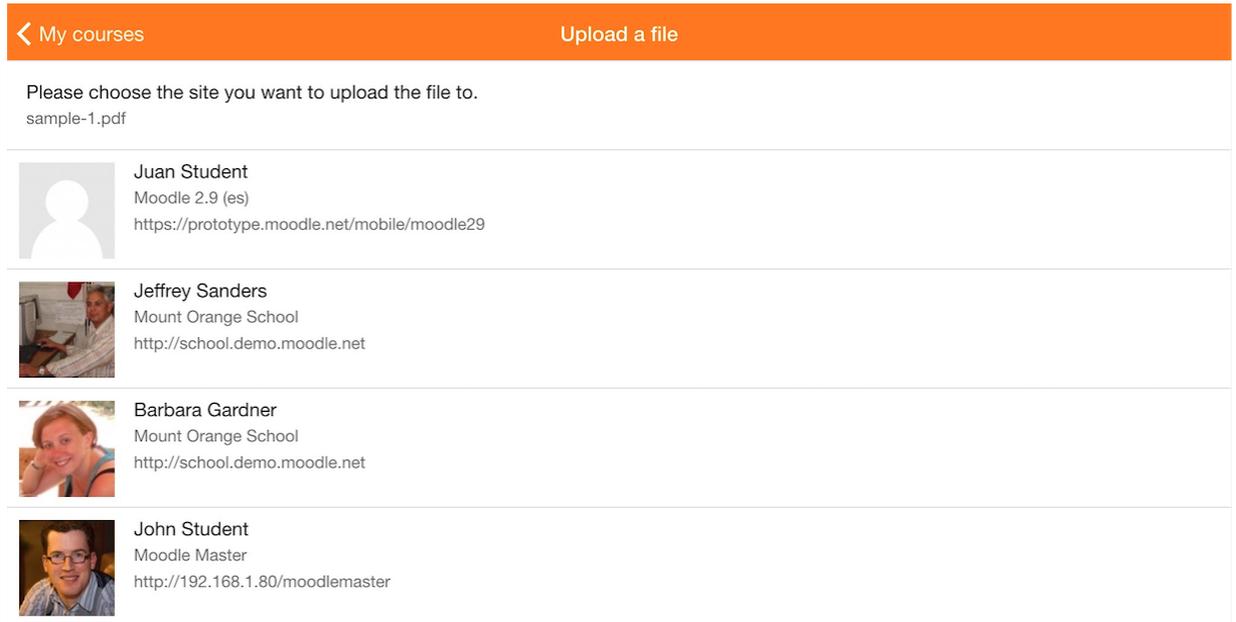
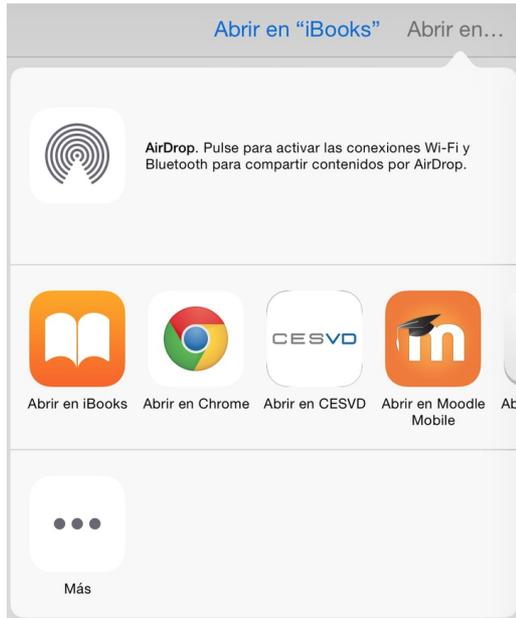


- Files are uploaded to private files.
- Recorded files are deleted after upload.
- 4 common upload methods for all OS.
- Specific upload method: upload any kind of file.

# Upload files: Android



# Upload files: iOS



# Messages

☰ Messages

 Admin User Mon  
Adding a new loooong message to see if everyt...

 Mike Teacher Tue, 2  
testing 2222



Messages



Contacts

☰ Messages

🔍 Contact name [Search](#)

Offline 1

 Mike Teacher



Messages



Contacts

< Messages Mike Teacher 

Tue, 5 May

hi 12:27PM

Fri, 29 May

Hello! 3:30PM

hello john! how are you? 3:48PM

Tue, 2 Jun

I'm great! how about you? 9:33AM

you there? 9:39AM

Yes, I'm here 5:30PM

and I'm fine, thanks :) 5:39PM

testing 5:40PM

testing 2222 5:41PM

New message...

[Send](#)

# Calendar events

## Calendar events

 Student counseling  
6/17/2015, 4:00:00 PM

 Ophthalmologist  
6/17/2015, 7:15:00 PM

 Site maintenance  
6/17/2015, 9:00:00 PM

 First assignment  
8/7/2015, 12:00:00 AM

## Site maintenance

6/17/2015, 9:00:00 PM - 6/17/2015,  
11:00:00 PM

Site maintenance

The Moodle site will be undergoing maintenance.

Notifications 1 Hour ▾

 Site maintenance 14:00  
6/17/2015, 9:00:00 PM

# Notifications

 Notifications

**Admin User**  
Thu

Admin User posted in MoodleMobile Testing: Standard forum (with posts made by deleted users): second post for testing notifications

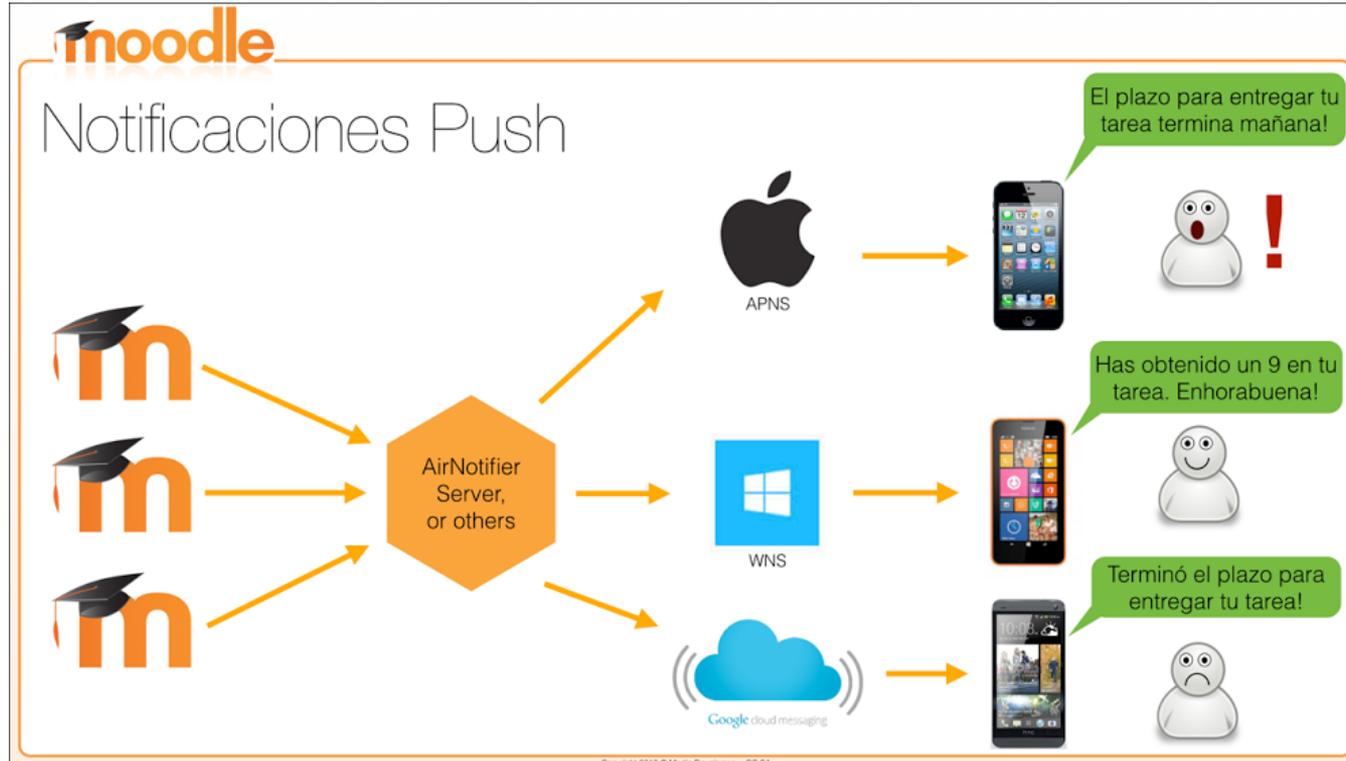
 View

**Admin User**  
Thu

Admin User posted in MoodleMobile Testing: Standard forum (with posts made by deleted users): second post for testing notifications

 View

# Push Notifications



# Remote style customization

The screenshot displays the Moodle mobile app interface. At the top, a blue header bar contains the user profile 'John Student Moodle Master' on the left and 'My courses' on the right. Below the header is a search bar labeled 'Filter'. The main content area lists two courses: 'MoodleMobile Developer Testing Course' and 'Test Course'. Each course entry includes a 'Contents' icon, a 'Grades' icon, and a 'Participants' icon. The 'Test Course' entry also features a course summary: 'This is a course summary! Let's test!!' followed by the Moodle logo, a 'Google' link, and the text 'Telefono'.

[https://docs.moodle.org/dev/Moodle\\_Mobile\\_Themes](https://docs.moodle.org/dev/Moodle_Mobile_Themes)

# Other features

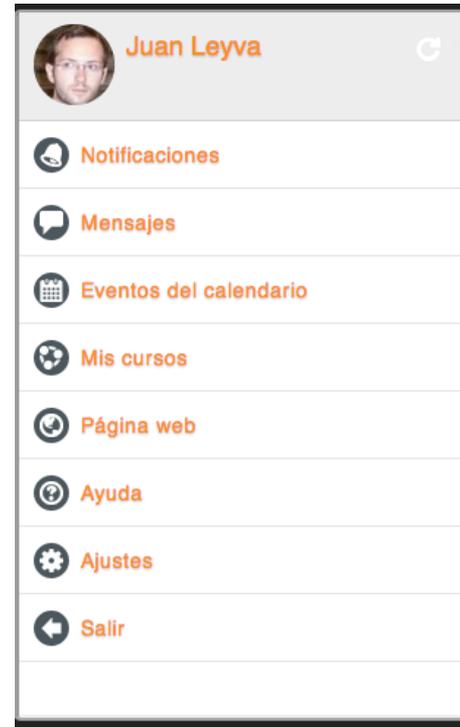
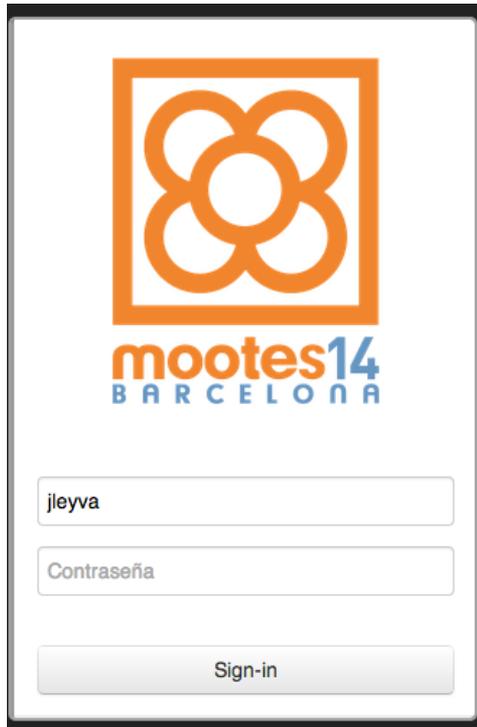
- Take a personal note about a course participant.
- Call a user, send him an email or locate his address on Google Maps just by clicking the field in his profile.
- Register actions on Moodle logs.
- Support for sites using CAS or Shibboleth as auth methods \*
- Multi-language.

(\* ) Requires the Moodle Mobile additional features plugin to be installed.

# Features comparison table

			
Phone and tablets	✓	✓	✓
Upload audio, video and photos	✗	✗	✓
View course contents	✓	✓	✓
Calendar events	✓	✓	✓
Push notifications	✓	✓	✓
Remote styles configuration	✗	✗	✓
Messaging	✓	✓	✓
Forum discussions	✓	✓	✓
Grades view (student)	✓	✓	✓
Grades view (teacher)	✓	✗	✓
Assignments / tests	✗	✗	✗

# Custom apps



# Responsive VS Mobile app

	Responsive	Mobile app
Offline use	✗	✓
Notifications	✗	✓
Speed	✗	✓
Bandwidth usage	✗	✓
Usability	✗	✓
Access to device features	✗	✓
Take videos, photos	✗	✓
Record audio	✗	✓
Custom theme	✓	✓
Access to all Moodle features	✓	✗
Addons support	✓	✗
Accessibility	✓	✗

# Mobile strategy going forward

*“It is important to know that the app will never be able to support all the functions of Moodle, because Moodle is a huge fast-moving target and writing secure web services (which is how the app communicates to Moodle) takes a long time to do properly. This is a tradeoff that we had to make, and we know it may disappoint some users who want this app to do everything immediately!”*

*“We focus on the communication aspects, plus content features that work best in an offline mode.”*

Martin Dougiamas

# Mobile strategy going forward

- Migrate to Ionic framework: Moodle Mobile 2
- View notes in the app
- SSO with Moodle
- Database and glossary modules
- Book and IMS CP support
- Downloadable app plugins (Install app plugins in your Moodle site, no need to create custom versions of the app)
- SCORM is planned for Moodle 3.0
- Simple quizzes are in the roadmap for 3.0 too

# Future platforms

## Desktop: Windows 7, Linux and Mac

Currently available as experimental feature

[https://docs.moodle.org/27/en/Running\\_Moodle\\_Mobile\\_in\\_Desktop](https://docs.moodle.org/27/en/Running_Moodle_Mobile_in_Desktop)

## Firefox OS

The new full OS for mobile

# Moodle Mobile 2: What's new?

- Improved user interface.
- Faster and smoother.
- App storage not limited to 5MB.
- Courses can be filtered.
- Pull to refresh on most of the screens.
- Infinite scrolling instead of pagination.
- Calendar events can be seen in offline.
- Re-connect if token expires.
- Load more notifications.
- Requires Android 4.1 or iOS 7.

# Moodle Mobile 2: Demo

[View demo in simulator](#)

Requires Chrome or Safari

No credentials needed: Type anything to login

# Moodle Mobile 2: Test it!

- You can test the Moodle Mobile 2 app that's currently in development!
- Download the APK from the Moodle Mobile course: <http://mooteu.moodlemoot.net/course/view.php?id=40>
- To be able to install it, you need to enable:  
Settings > Security > Unknown sources  
This allows installing application from sources other than the Play Store.
- All your feedback will be appreciated.



# Thank you

Community: **moodle.org**

Commercial: **moodle.com**

**@moodle**

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