



豊田工業高等専門学校

Toyota National College of Technology



QR Codes in Education: An Overview

John Clayton

Waikato Institute of Technology

Takumi Nakano

Toyota National College of Technology



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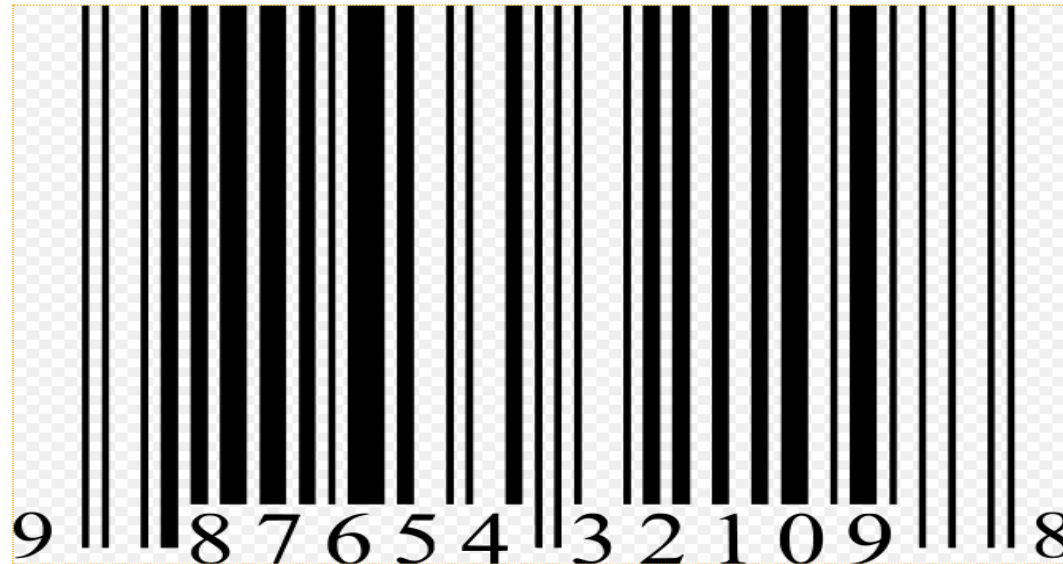
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Bar Codes



Scanned Horizontally



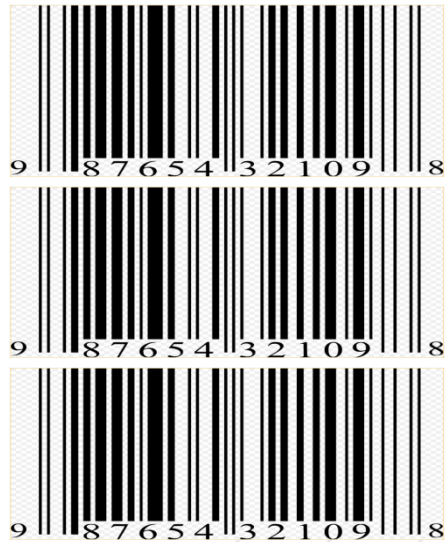
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Stacked



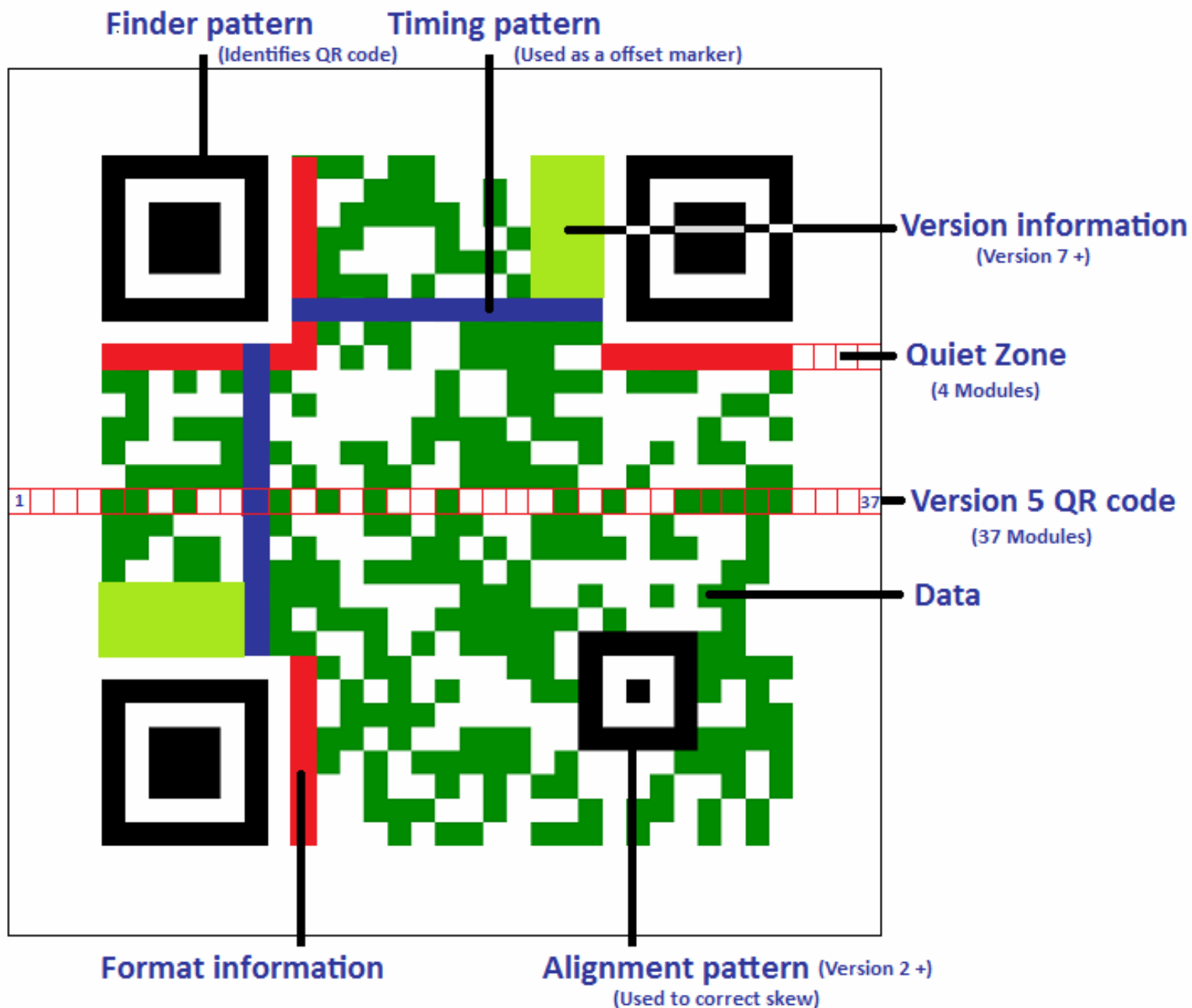
Scanned Horizontally: One Dimensional



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Scape

Denotes a pictorial representation
of a scene or view, as specified by
an initial element:

*Sea-scape, land-scape, media-
scape.*

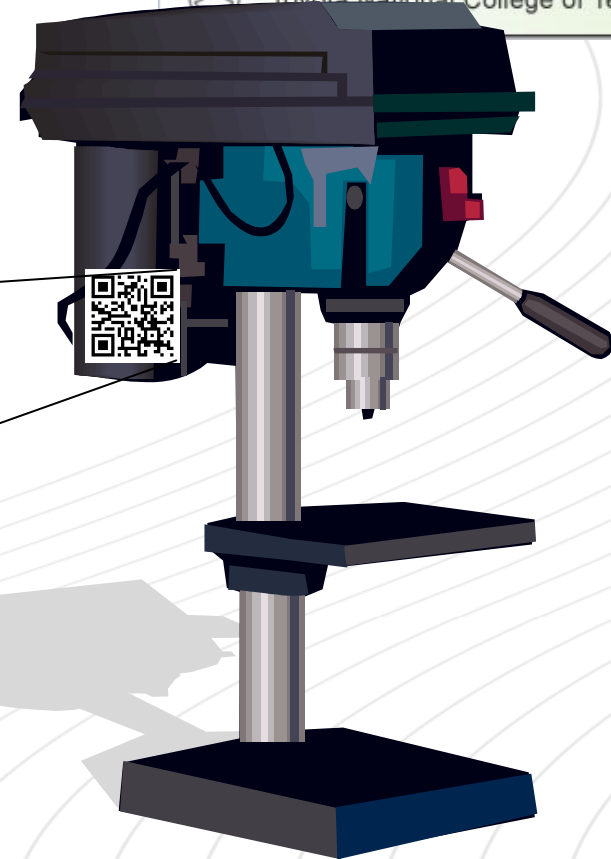




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Internal-Scape

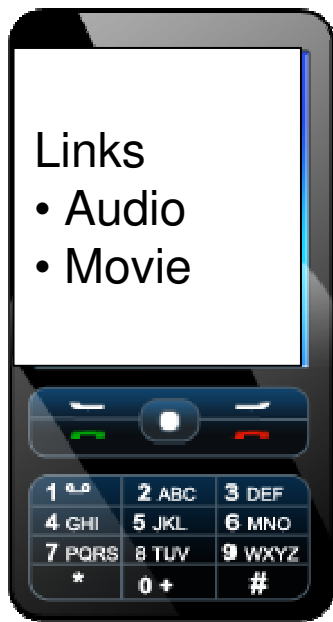


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External-Scape



Critical success factors in e-learning for Small and Medium enterprises

Richard Elliott and John Clayton: Waikato Institute of Technology



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In examining the use of e-learning to build workforce capability in small or medium enterprise (SMEs: <100 employees) five Critical Success Factors (CSFs) were identified.

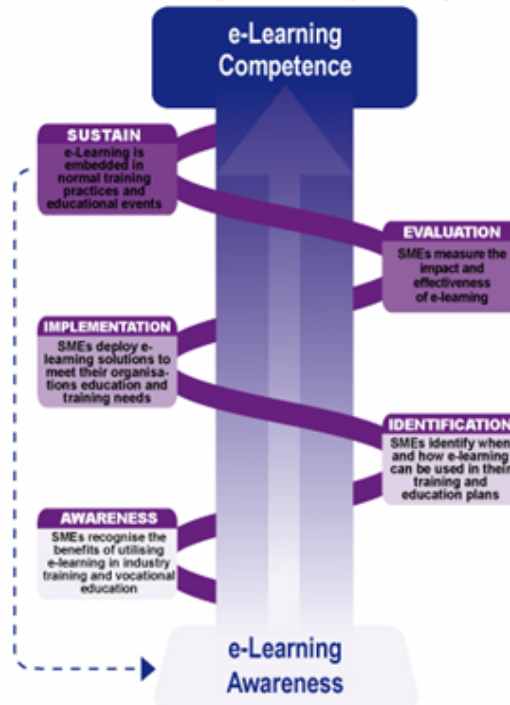
The CSFs include

- **Awareness:** The benefits of e-learning are accepted by senior managers/owners of SMEs.
- **Identification:** Firms are able to clearly identify how e-learning can be successfully incorporated within current training plans.
- **Implementation:** An e-learning training plan is developed and offered to employees.
- **Evaluation:** The impact on the organisation of the e-learning training plan is assessed.
- **Sustainability:** e-learning support is provided to embed e-learning in normal training practices.

It was found those organisations that systematically addressed each CSF effectively and efficiently had introduced e-learning applications in their training programmes.

The CSFs are illustrated here in a graphical format.

E-Learning for Small & Medium Enterprises (SME)



Acknowledgements:

New Zealand Ministry of Education Tertiary e-Learning Research Fund



References

1. Becta (2005) *Research into the use of ICT and e-Learning for work-based learning in the skills sector. Literature review*: British Educational Communications and Technology Agency, Coventry.
2. Clayton, J & Elliott, R (2008) *e-Learning in Industry: New Zealand Case Studies : e-Learning in Industry*. Tertiary e-Learning Research Fund, Wellington Retrieved 17/7/2008 from: <http://ito.e-learning.ac.nz/>
3. Clayton, J & Elliott, R., Saravani, S., Greene, N., & Huntington, N. (2008) *e-Learning in Industry: A Summary of Activities* (pp80): e-Learning in Industry: Tertiary e-Learning Research Fund, Wellington Retrieved 17/7/2008 from: <http://ito.e-learning.ac.nz/>
4. Lain, D. & Aston, J. (2004) *Literature review of evidence on e-Learning in the workplace*: Institute for Employment Studies, Brighton

Exercise-Scape



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Virtual-Scape

My Maps



Create personalised, annotated, customized maps using Google Maps.

Your maps can contain the following:

- Placemarks
- Lines
- Shapes

Once you have created a map, you can:





- Add descriptive text, including rich text and HTML
- Embed photos and videos in your map
- [Share your maps with others](#)

To create or edit maps, you must be signed in to your Google Account. If you do not have an account, [create one now](#).

Creating a Map

Creating a map is easy. Here are the basic steps:

1. Click **My Maps**
2. Click **Create new map**.
3. Add a title and description for your map.
4. Decide whether the map should be **public** or **unlisted**. Public maps are automatically included in Google Maps search.
5. Use the icons in the top left corner of the map. These include:

-  Selection tool. Use this to drag the map and select placemarks, lines and shapes.
-  Placemark tool. Use this to add placemarks.
-  Line tool. Use this to draw lines.
-  Shape tool. Use this to draw shapes.

You can return to your map at any time. Just go to Google Maps and click **My Maps**. Sign in to your Google Account and select the map from your list of maps.



Relevant and Authentic

By enabling

- Location Generated Content
- Location Based Services

We contextualise the environment to meet student immediate needs



Moodle in My College

あなたはログインしていません。 [ログイン](#)
日本語 (ja)

moodle

メインメニュー

- サイトニュース
- 無線LANの設定について
- ログインについて
- Vistaのインストールと実行
- PeakVHDLの実行時エラー

カレンダー

2010年 02月

日	月	火	水	木	金	土
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28						

オンラインユーザ

(5分)

仲野 巧

本校の教育目標, 具体的達成度目標, さらに「情報科学」教育プログラムの学習教育目標を示します。

- 本校教育目標
- 具体的達成度目標
- 「情報科学」教育プログラム
- 平成21年度から4年生の新カリ

コースカテゴリ

- 1年情報工学科
 - プログラミング演習 I
- 2年情報工学科
 - 交流回路
- 3年情報工学科
 - 上級CプログラミングB
 - 上級Cプログラミング演習B
 - コンピュータ工学B
 - 信号解析
 - 工学実験 II B
- 4年情報工学科
 - アルゴリズムとデータ構造B
 - アルゴリズムとデータ構造演習
 - 計算機言語論演習
 - マイクロコンピュータ工学B
 - マイクロコンピュータ工学演習

電子学習システム 2009

最新ニュース

- 10月 27日 11:47
仲野 巧
mipsp.vhdのソース [詳細...](#)
- 05月 6日 08:49
仲野 巧
[ログインfromNZ 詳細...](#)
[過去のトピック...](#)

直近イベント

直近のイベントはありません。

[カレンダーへ移動する...](#)

シラバス

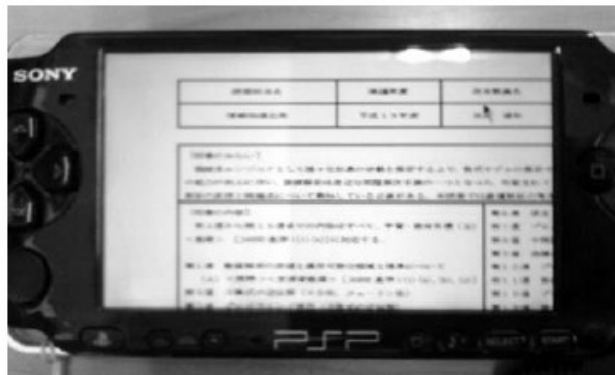
- 1年
 - プログラミング演習 I
- 2年
 - 交流回路

How to use Moodle for Mobile

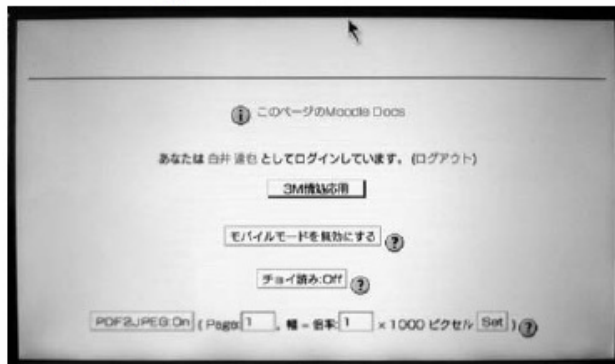




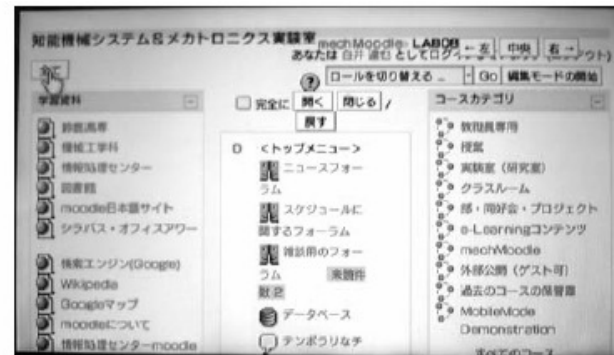
Moodle for Mobile in Japan



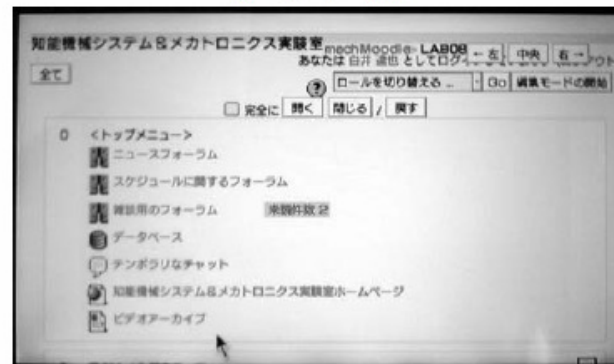
(a) PDF ファイル表示イメージ



(b) 設定変更



(a) 全コラム表示



(b) 中央のコラムのみ表示

Header
Footer
Column
Right
Left
Center
Topics

How to use Moodle for Mobile





Mobile Learning Engine: MLE



MyMLE - End Users For private persons

MyMLE is for everyone, who wants to use mobile learning for himself. It allows you to create your **own mobile learning content** and to pack it to a mobile phone application, which you can use on your phone.

ENTER



MyMLE is a stand-alone PC application (for Windows and Linux) which is easy to use. The mobile phone application it creates runs on nearly every mobile phone.



MLE-Moodle - End Users For institutions/companies

An **out-of-the-box mobile Learning** system. Which contains everything you need to build a mLearning system. Easy to install and easy to use.

To use MLE-Moodle you need a web-server!

ENTER



MLE-Moodle is a plugin for **Moodle**, which adds mLearning functionality to this open-source eLearning system. The mobile learning area can be accessed with the mobile **phone browser** or with a special mobile **phone application**, which is designed for mobile Learning.



MLE mobile application framework - Developers

The mobile phone learning-application offers a very powerful **mobile application framework** for your own mobile projects. Extending the MLE is very easy due to a plugin-system.

For **developers only!**

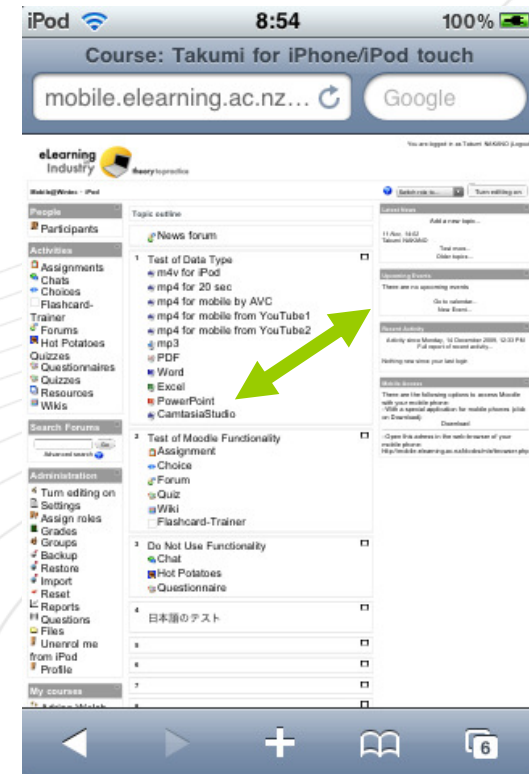
ENTER

<http://mle.sourceforge.net/>





Moodle by iPhone/iPod touch



<http://mobile.elearning.ac.nz/>



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Plugin for Moodle

The screenshot displays the Moodle mobile interface on an iPod. The main content area shows a 'Topic outline' with two items: '1 Test of Data Type' and '2 Test of Moodle Functionality'. The sidebar on the right contains a list of topics, including 'Test of Data Type', 'Test of Moodle Functionality', and 'Do Not Use Functionality'. Red boxes highlight the two items in the topic outline, and red arrows point from these boxes to the corresponding entries in the sidebar menu, demonstrating that the content is consistent between the PC and mobile versions.

Same Contents for PC and Mobile



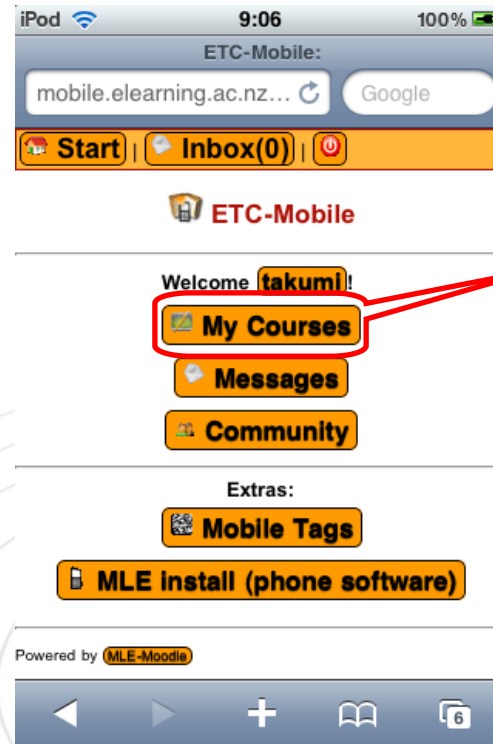
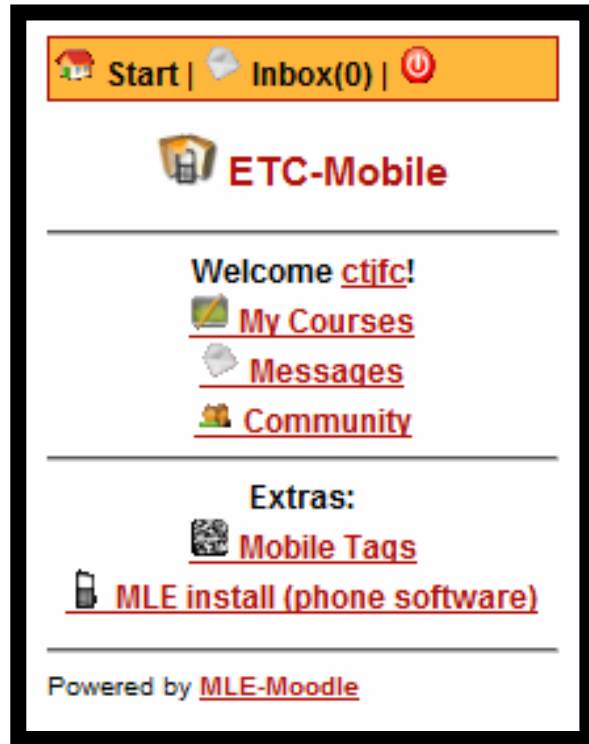
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CSS for iPhone/iPod touch



MLE-Moodle CSS Files:
style-std.css
style-big.css
style-iphone.css
style-touchscreen.css

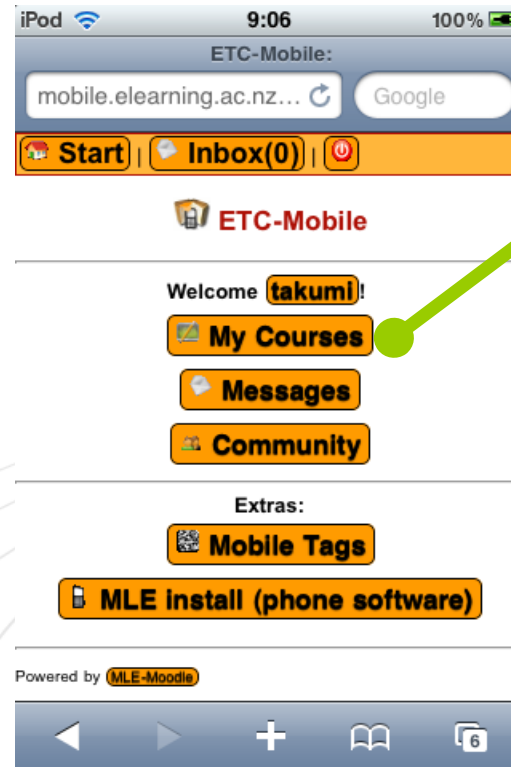
Cascading Style Sheets

<http://mobile.elearning.ac.nz/blocks/mle/browser.php>



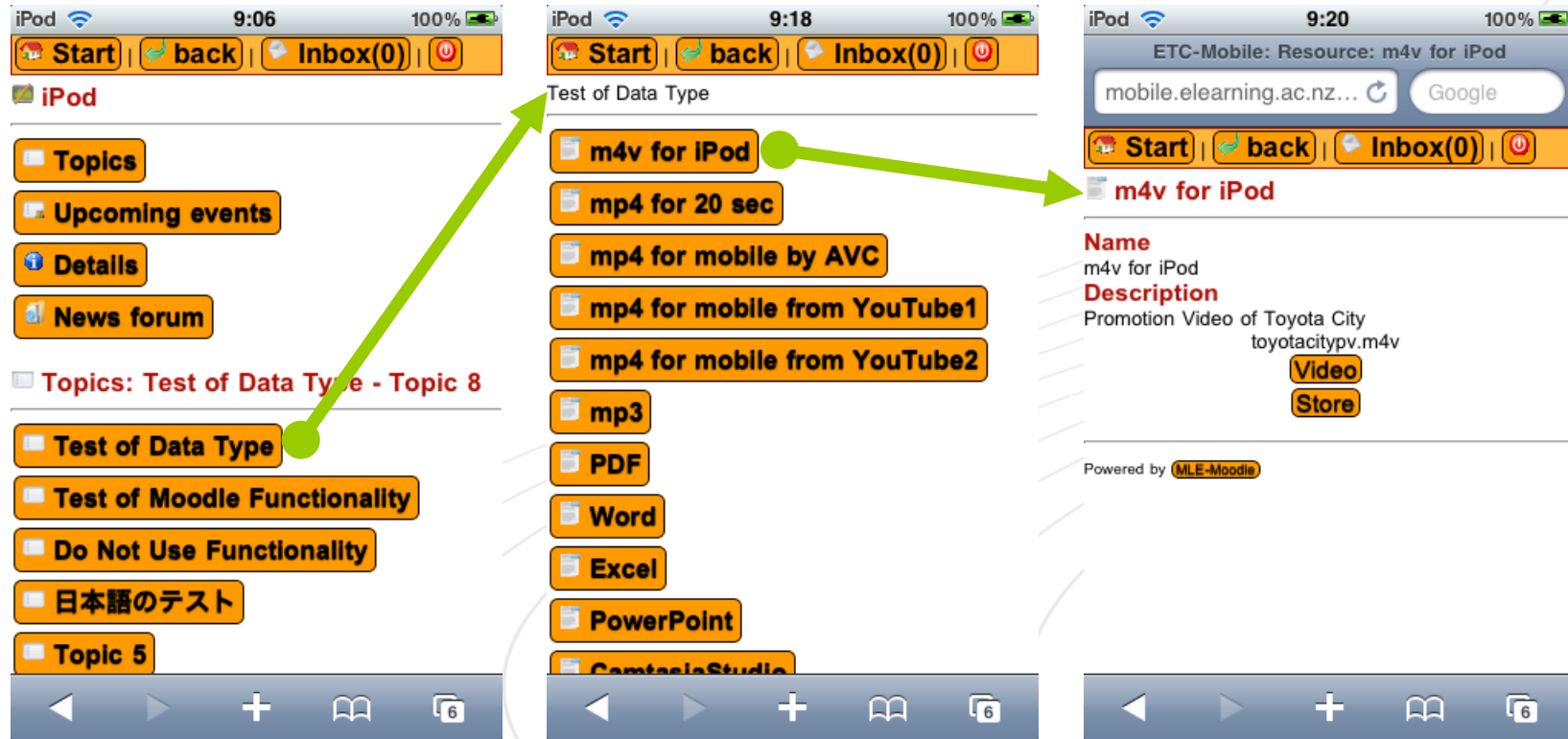


Interface
















Course

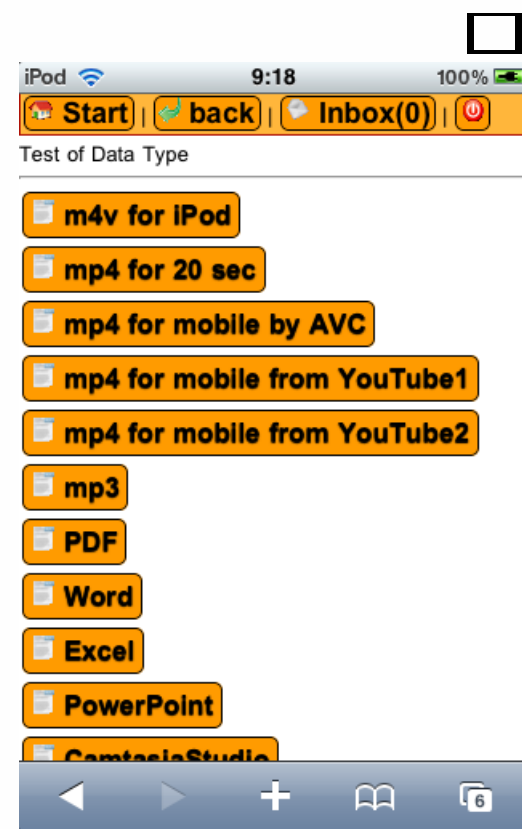




Video and Applications

1 Test of Data Type

-  m4v for iPod
-  mp4 for 20 sec
-  mp4 for mobile by AVC
-  mp4 for mobile from YouTube1
-  mp4 for mobile from YouTube2
-  mp3
-  PDF
-  Word
-  Excel
-  PowerPoint
-  CamtasiaStudio






Moodle Functionality


2 Test of Moodle Functionality

 Assignment

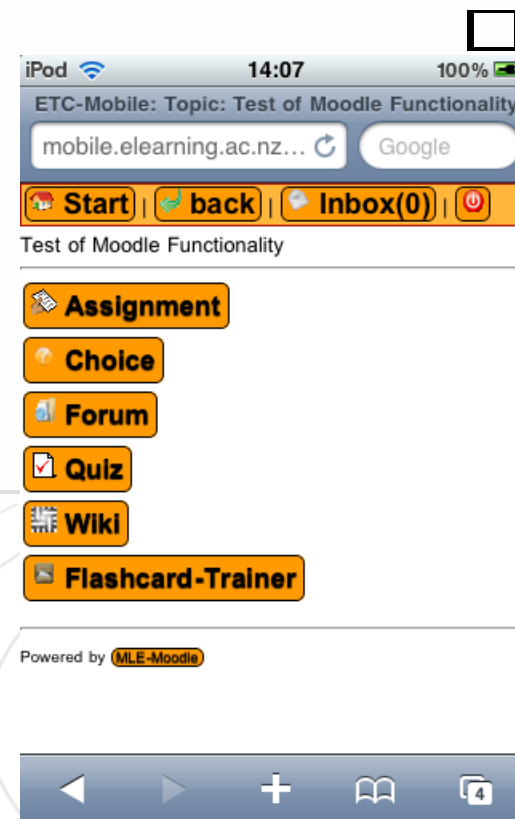
 Choice

 Forum

 Quiz

 Wiki

 Flashcard-Trainer



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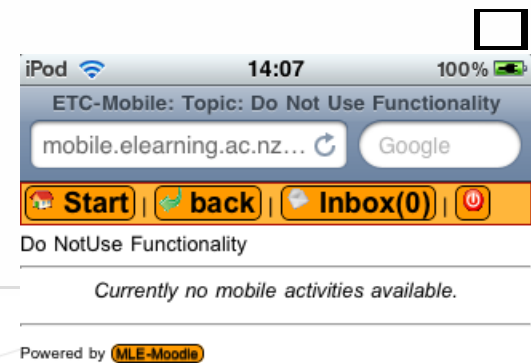
Moodle Issues

3 Do Not Use Functionality

 Chat

 Hot Potatoes

 Questionnaire

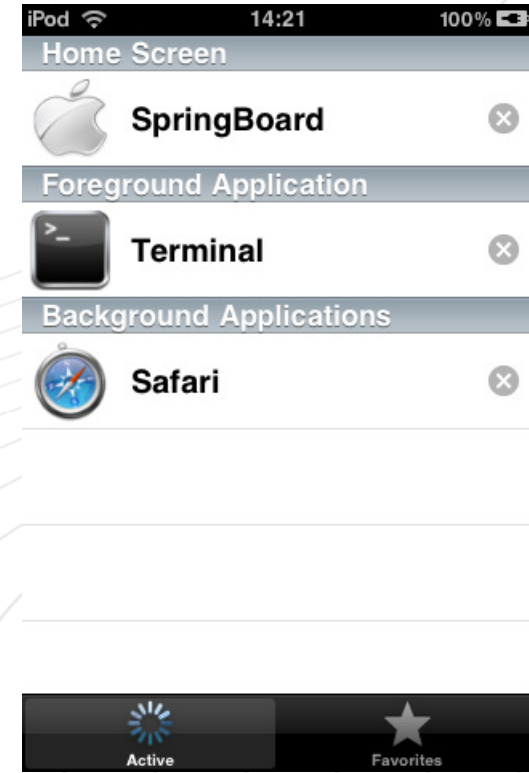
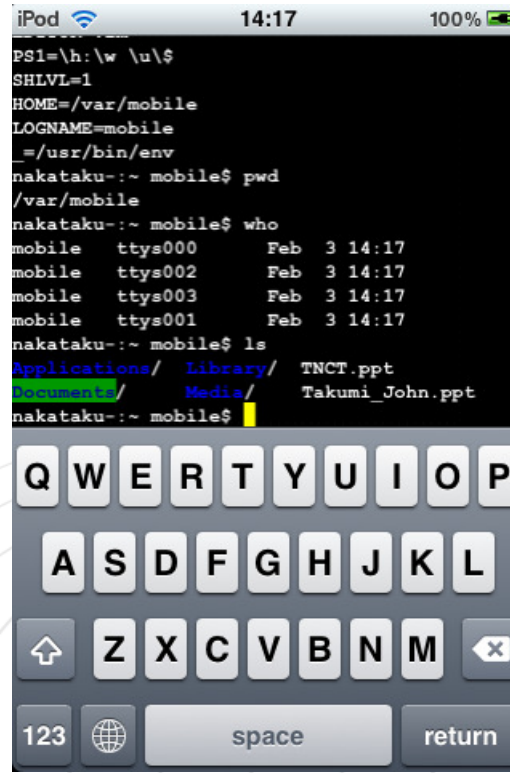


Extend and Customize
MLE module in future





Custmize iPhone/ipod touch



Display Screen to Video : Demo





VNC Server, Remote Login



```
10.10.12.10 - Tera Term VT
ファイル(E) 編集(E) 設定(S) コントロール(Q) ウィンドウ(W) ヘルプ(H)
nakataku-: root# df
Filesystem      1K-blocks    Used Available Use% Mounted on
/dev/disk0s1    512000      423256   83624   84% /
devfs           18          18         0 100% /dev
/dev/disk0s2    15347304    10323680 5023644   68% /private/var
nakataku-: root# ps
  PID TTY          TIME CMD
  285 ttys000    0:00.10 -sh
  289 ttys000    0:00.03 ps
  146 ttys001    0:00.08 login -fp mobile
  147 ttys002    0:00.08 login -fp mobile
  148 ttys003    0:00.09 login -fp mobile
  152 ttys004    0:00.07 login -fp mobile
nakataku-: root# ls
Library/ Media/ test
nakataku-: root# ls -la
total 8
drwxrwxrwx  4 root wheel  204 Jul 14 07:49 ./
drwxr-xr-x 25 root wheel  918 Jun 18 10:08 ../
-rw-r----- 1 root wheel  827 Jul 14 09:21 .bash_history
drwxr-x---  8 root wheel  272 Jul 13 12:32 Library/
drwxr-xr-x  2 root wheel   68 Feb 27  2008 Media/
-rw-r--r--  1 root wheel   22 Jul 14 07:34 test
nakataku-: root# less test
abcdefghijklmnopqrstuvwxyz
1234567890
nakataku-: root#
```

Make Application

VNC Connection, OpenSSH

