

A Survey of Apps for E-Learning 2015

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Abstract - As of year 2015, the total number of Apps available in leading Apps Stores including Google Play, Apple App Store, Window Phone Store, Amazon App Store, and Blackberry were about 3.97 million apps. The number of users of apps is increasing every day. As an example, the number of users of Google Apps for Education, including e-education or eLearning, would reach 110,000,000 users by the year 2020. This paper will discuss iSpring's mobile apps for eLearning, eLearning app to prepare for driving exam test, eLearning app to prepare for college entrance exams, and top ten tools and apps to boost eLearning productivity.

Keywords - eLearning apps, iSpring's eLearning apps, apps for driving exam, apps for entrance exam, apps to boost eLearning productivity

I. INTRODUCTION

As of year 2015, the total number of Apps available in leading Apps Stores were about 3.97 million apps [1] including 1) about 1,600,000 in Google Play, 2) 1,500,000 in Apple App Store, 3) 400,000 in Window Phone Store, 4) 340,000 in Amazon App Store, and 5) 130,000 in Blackberry Store. One category of Apps is education both in-class and eLearning. The number of users of education apps is increasing every day. As an example, it was stated that Google Apps for Education would reach 110,000,000 users by the year 2020 [2]. Searching Google for

"Apps for e-learning 2015", over 244 million entries were found. The senior author of this paper has also written several articles about Apps and related matters [3-13].

This paper will discuss iSpring's mobile apps for eLearning, eLearning app to prepare for driving exam test, eLearning app to prepare for college entrance exams, and top ten tools and apps to boost eLearning productivity.

II. ISPRING'S MOBILE APPS FOR ELEARING

The article "iSpring's Mobile Apps Take eLearning Further" [13] stated that iSpring upgraded their mobile app library to provide more support of courses, quizzes and presentations. Examples are:

1. Multi-purpose iPad app for online and offline learning -- for trainers and learners
2. iSpring's authoring tool enhanced with a built-in cloud sharing service and direct publishing to YouTube, and
3. Full-featured PowerPoint and eCourse viewers -- mobile apps for iOS and Android devices.

iSpring also announced that "Delivering eLearning content to mobile devices is easier than ever before with iSpring's latest upgrades to their mobile app library". It also said that users can get full support of courses, quizzes, and presentations on Android tablets and smart phones with iSpring Viewer Mobile App,

available on Google Play. Users may access content from the content library and add it to Favorites for instant access. Users can use offline mode, and their statistics will be synced when the device connects to the Internet.

III. E-LEARNING APP TO PREPARE FOR DRIVING EXAM TEST

To prepare for "Driving Exam Test" in any state of the US, an e-learning App is available [14] with the following claims:

1. There are 350 unique questions with 10 separate permit practice tests written specifically for every state of the US.
2. The questions are based on the state's official 2015 Driver Handbook
3. The scoring system in the exam is the same as used in the state where the exam is taken.
4. Questions and answers are randomized each time the test is taken.
5. An explanation is given for every wrong answer.
6. Hints are given for the questions in doubt.
7. Instant feedback are given after every question
8. Review is given for every question
9. Marathon Mode is available to practice as many times as required.
10. Exam Mode allow stopping and skipping questions.

Perhaps, some Apps developers would develop eLearning apps to prepare for driving exam tests in other countries.

IV. E-LEARNING APP TO PREPARE FOR COLLEGE ENTRANCE EXAMS

Every year many high school graduates wishing to enter colleges have to prepare to take "Entrance Exam". So, an organization in India came up with ten e-learning apps [15]. They are:

1. **Math Formulae Lite App:** An exclusive app which lists out important formulas and topics in algebra, geometry,

trigonometry, and calculus.

2. **Brilliant App:** Lists thousands of problems that students can practice in specific areas of Mathematics, Physics, Olympiads, and etc.

3. **Shakespeare App:** Free works of Shakespeare including 41 plays, 154 sonnets and 6 poems.

4. **The Chemical Touch App:** All the information about the properties of elements.

5. **Wolfram Physics App:** For unit conversations, performing calculations, solving equations, and numerical problems.

6. **Human Anatomy App:** An ideal app for the biology students as it contains the information of 16 different biology systems such as cardio-vascular system, digestive system, endocrine system, and etc.

7. **Graphing Calculator App:** A scientific calculator with powerful features for calculations and conversions, with graphing capabilities.

8. **Lumosity App:** Helps train students's brain and memory. It is a training program designed by neuroscientists.

9. **Evernote Peek App:** Provides students with study materials.

10. **Wikipedia App:** For students to use Wikipedia on smart phone conveniently.

V. TOP TEN TOOLS AND APPS TO BOOST E-LEARNING PRODUCTIVITY

From the article "Top 10 EdTech Tools and Apps for Boosting eLearning Productivity" [16], ten tools and apps were proposed.

1. **BenchPrep:** This is a game-changing LMS (learning management system) based on advanced analytics. With BenchPrep, students will be able to prepare for important tests. BenchPrep has comprehensive personalized learning platform and content management strategy.

2. **Translator:** This is as its name implies, i.e. it translates the words students do not understand. With this apps installed on students' smart phones, they will be able to translate lectures into English.

3. **Paper Gear:** This app will help students edit and proofread all projects, regardless of the topic and difficulty.

4. **SugarSync:** This app will keep all important papers, notes, and projects on student's computer safe on the cloud file sharing, sync and online backup system that uses the owner existing folder structure to keep them organized. Students can add any folder with a single click, and the entire content will be continuously backed up in real time.

5. **TED talks:** This app can make students inspired by watching TED video showing experts who can provide motivation with great idea for students to be motivated.

6. **Rate My Professors:** This app allows students to check each professor's reputation through data provided by real students. After making the checks, students can decide which course to take or not.

7. **Flashcards:** This app provides useful quizzes, review sheets, study guides and flashcards that will help students get ready for the upcoming tests and exams. It includes huge library of resources that cover every topic.

8. **InstaGrok:** This app is a website to research any topic with a concept map that is interactive, customizable, and shareable. InstaGrok also includes integrated journals that enable students to take notes.

9. **Half.com:** This app helps students to manage their budget more successfully by selling and buying textbooks online to save and make money at the same time.

10. **OpenStudy:** This app is a web for students to become a part of study groups for different subjects to contribute to group and get instant help.

VI. CONCLUDING REMARKS

As of year 2015, the total number of Apps available in leading Apps Stores were about

3.97 million apps. The number of users of apps is increasing every day. This paper discussed iSpring's mobile apps for eLearning, eLearning app to prepare for driving exam test, eLearning app to prepare for college entrance exams, and top ten tools and apps to boost eLearning productivity. However, the number of eLearning apps is increasing every day. Therefore, all interested parties should search Google to get up-to-date information to study and use for the benefits of themselves, their organizations and their countries.

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