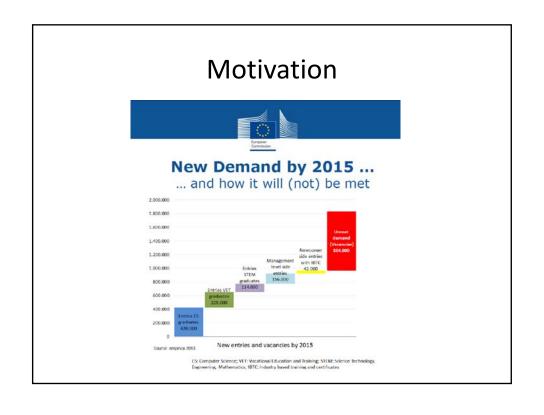
A Gamification Platform for Inspiring Young Students to Take an Interest in Coding

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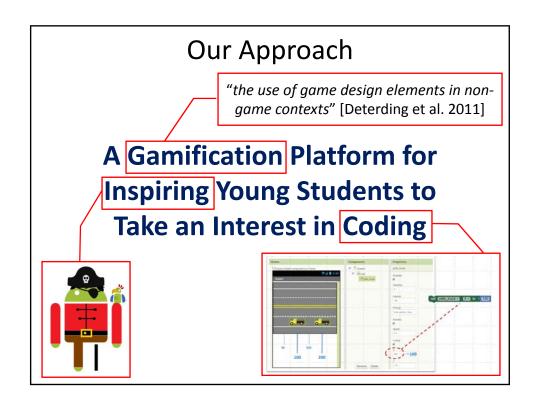




What are we doing about this?







Our implementation

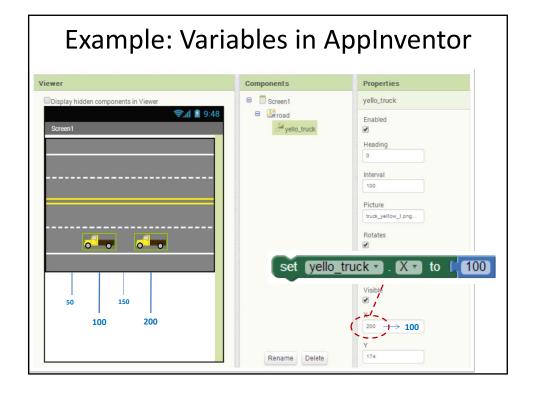
- We organized Code Cyprus 2014
 - Goal: "Inspire high school students to take an interest in computer science."
 - Sponsored by: Cyprus Fulbright Commission and UCLan Cyprus
 - The event took place on March 8th, 2014 at UCLan Cyprus (http://2014.codecyprus.org)

The program

- "Why learn coding?" presentation
- Building a Frogger mobile game with AppInventor
- Treasure Hunt

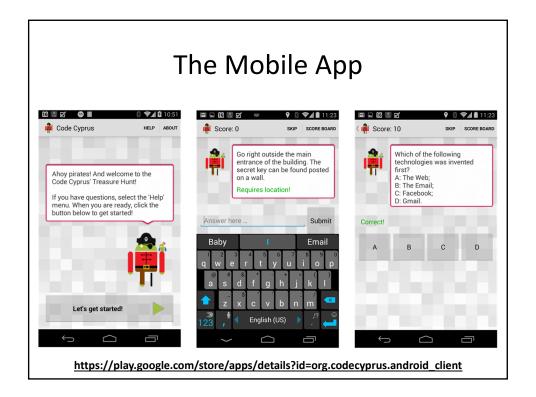
Game oriented

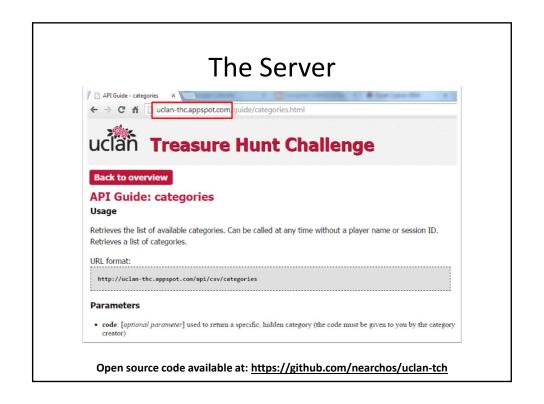
Motivation movie: "The Startup Kids"



The Treasure Hunt

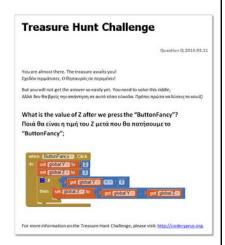
- Main elements
 - Mobile App with supporting Server
 - A sequence of linked questions
 - Real-time scoreboard / leaderboard with locations
 - Intriguing prizes



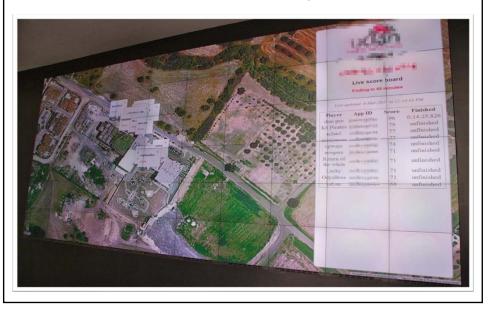


The questions



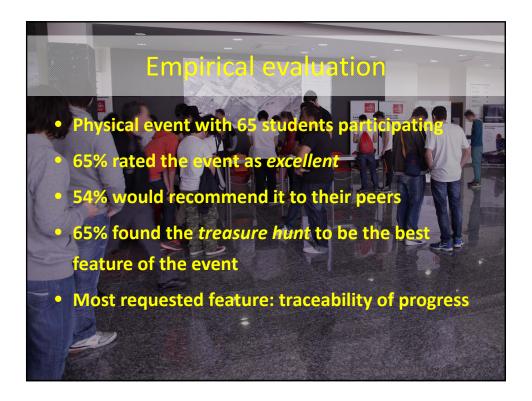


The real-time scoreboard/leaderboard



Evaluation

- Empirical evaluation
- Qualitative evaluation Game Design Elements





Conclusions & Q&A

- Motivation: Gap in coding jobs
- Approach: Gamified event for engaging students
- Implementation: Frogger tutorial & Treasure Hunt competition
- Evaluation: Qualitative & Empirical
- Questions?