The 36th CREST Open Workshop
App Store Analysis

+++++++++27 October 2014 – DAY 1+++++++++

10:00 *Arrival, Coffee and Pastries*

10:30 **Welcome and Introductions**

   Mark Harman, CREST Centre, SSE Group, Department of Computer Science, UCL

11:15 **Studying and Enabling Reuse in Android Apps**

   Denys Poshyvanyk, Computer Science Department, The College of William and Mary, USA

11:35 **Discussion**

11:50 **Migration of claimed features through App stores**

   Mark Harman, CREST Centre, SSE Group, Department of Computer Science, UCL

12:10 **Discussion**

12:25 **Unicorns, Software Design & Mobile Software Analytics**

   Michele Lanza, Faculty of Informatics, University of Lugano, Switzerland

12:45 **Discussion**

13:00 *Sandwich lunch at the venue*

14:00 **Where Does My Sensitive Data Go? – Mining Apps for Abnormal Information Flow**

   Andreas Zeller, Computer Science, Saarland University, Germany

14:20 **Discussion**

14:35 **Mining User Reviews in the App Store**

   Walid Maalej, University of Hamburg, Hamburg, Germany

14:55 **Discussion**

15:10 *Refreshments*

15:40 **Extracting Signal from the Noise of User Reviews**

   Leonard Hoon, Swinburne University of Technology, Australia

16:00 **Discussion**

16:15 **Analysis of reviews from the google play store**

   Rachel Harrison, Department of Computing and Communication Technologies, Oxford Brookes University, UK

16:35 **Discussion**

16:50 **Feature request analysis**

   William Martin, CREST Centre, SSE Group, Department of Computer Science, UCL, UK

17:10 **Discussion**

17:25 **Predicting Price and Rating**

   Federica Sarro, CREST Centre, SSE Group, Department of Computer Science, UCL, UK

17:45 **Discussion**

18:00 **Close**

The 36th CREST Open Workshop
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+++++++++28th October 2014 – DAY 2+++++++++

9:30   *Arrival, Coffee and Pastries*

10:00   **TBA**

Bram Adams, École Polytechnique de Montréal, Canada

10:20   **Discussion**

10:35   **Mobile Apps: Research Challenges**

Ahmed E. Hassan, School of Computing, Queen's University, Canada

10:55   **Discussion**

11:10   *Refreshments*

11:40   **Breakout groups**

12:25   *Lunch at the venue*

13:25   **Plenary and feedback for groups**

14:05   **Mining patterns for release cycle time in app stores**

Maleknaz Nayebi, Electrical and Computer Engineering Department, University of Calgary, Canada

14:25   **Discussion**

14:40   **CHABADA: Checking app behavior against app descriptions**
Alessandra Gorla, Computer Science, Saarland University, Germany

15:00   **Discussion**

15:15   *Refreshments*

15:45   **Investigating Country Differences in Mobile App User Behavior and Challenges for Software Engineering**
Soo Ling Lim, Department of Computer Science, UCL, UK

16:05   **Discussion**

16:20   **The relationship between Price, Popularity and Ratings for Apps and Claimed Features**
Yuanyuan Zhang, CREST Centre, SSE Group, Department of Computer Science, UCL, UK

16:40   **Discussion**

16:55   **Estimating demand from the sales and ranks data in Apple App Store**
Nilam Kaushik, Management Science and Operations, UCL, UK

17:15   **Discussion**

17:30   **Wrap-up**

17:45   **Close**