

Mobile Computing for International Students: Integrating Parse for a Backend as a Service (BaaS)

L.N.L.Mokhlesi

BSc Computer Science, l.n.l.mokhlesi@student.reading.ac.uk

ABSTRACT

Currently 18% of students in higher education are from outside the UK; arriving in a new country can be daunting, however having a mobile/tablet provides a means to stay in touch with home. Around the world mobile computing is integrated into our lives, through social media, games, for navigation purposes, learning and taking pictures. It was felt that an app should be created which would allow international students to communicate with fellow students and provide English grammar games; practicing language skills boost confidence especially in new environments. In order to create these features of the app a Backend as a Service (BaaS) would be required. This paper looks at how a BaaS called Parse is integrated into the app.

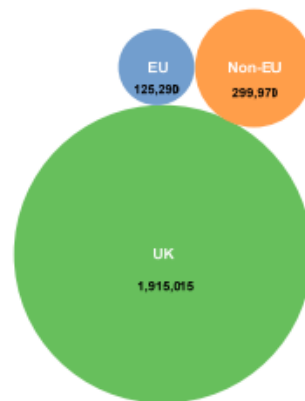


Figure 1. Students enrolled in UK higher education institutions (2014)



Figure 5. Polling

L.N.L.Mokhlesi, Mobile Computing for International Students: Integrating Parse for a Backend as a Service (BaaS), *Proc. 13th School Conf. for Annual Research Projects*, V F Ruiz (Ed), pp. xx–yy, University of Reading, 24th May 2016.