**Appendix S1: Code source**

The code for all these developments are available to download. All these are released under open source/creative commons licenses to [clone](http://help.github.com/fork-a-repo/) and develop further:

* Customised ODK: code: <http://code.google.com/r/alextlittle-dc-odk/> and complied version: <http://alexlittle.net/blog/download.php?file=dc-latest.apk>
* Analytics dashboard (including mobile scorecard): <https://github.com/DigitalCampus/Digital-Campus-Analytics>
* Protocol forms: <https://github.com/DigitalCampus/Digital-Campus-Protocols>
* Ethiopian Pregnancy Calculator: code: <https://github.com/DigitalCampus/Ethiopian-Pregnancy-Calculator> and app: <https://play.google.com/store/apps/details?id=org.digitalcampus.edd>
* Amharic/Ge'ez Keyboard: code: <https://github.com/DigitalCampus/Amharic-Keyboard> and installation instructions/support: <http://alexlittle.net/blog/2011/06/03/installing-geez-virtual-keyboard-on-android-devices/>