

ClinTrial Refer – Version 2 - an integrated approach with global searching

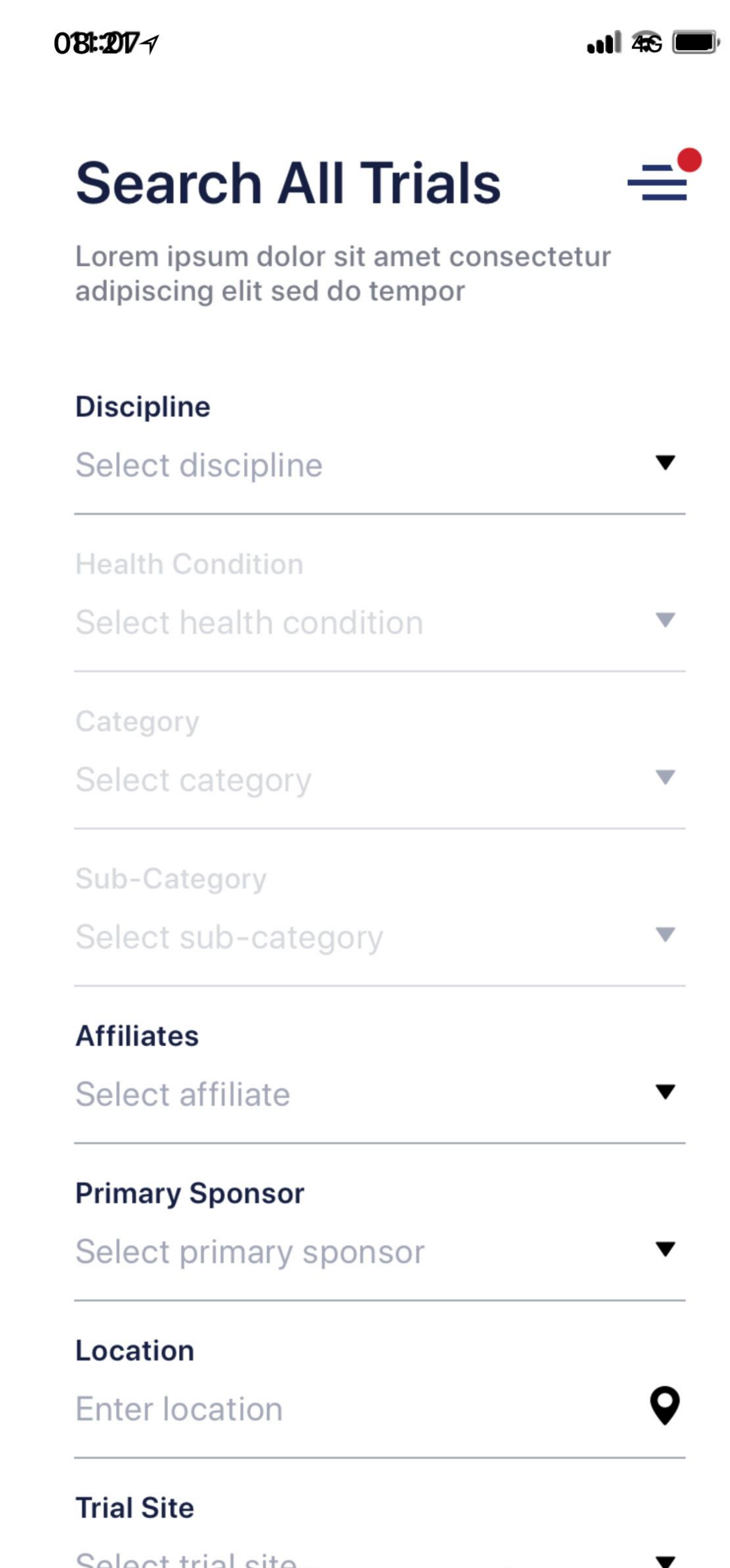
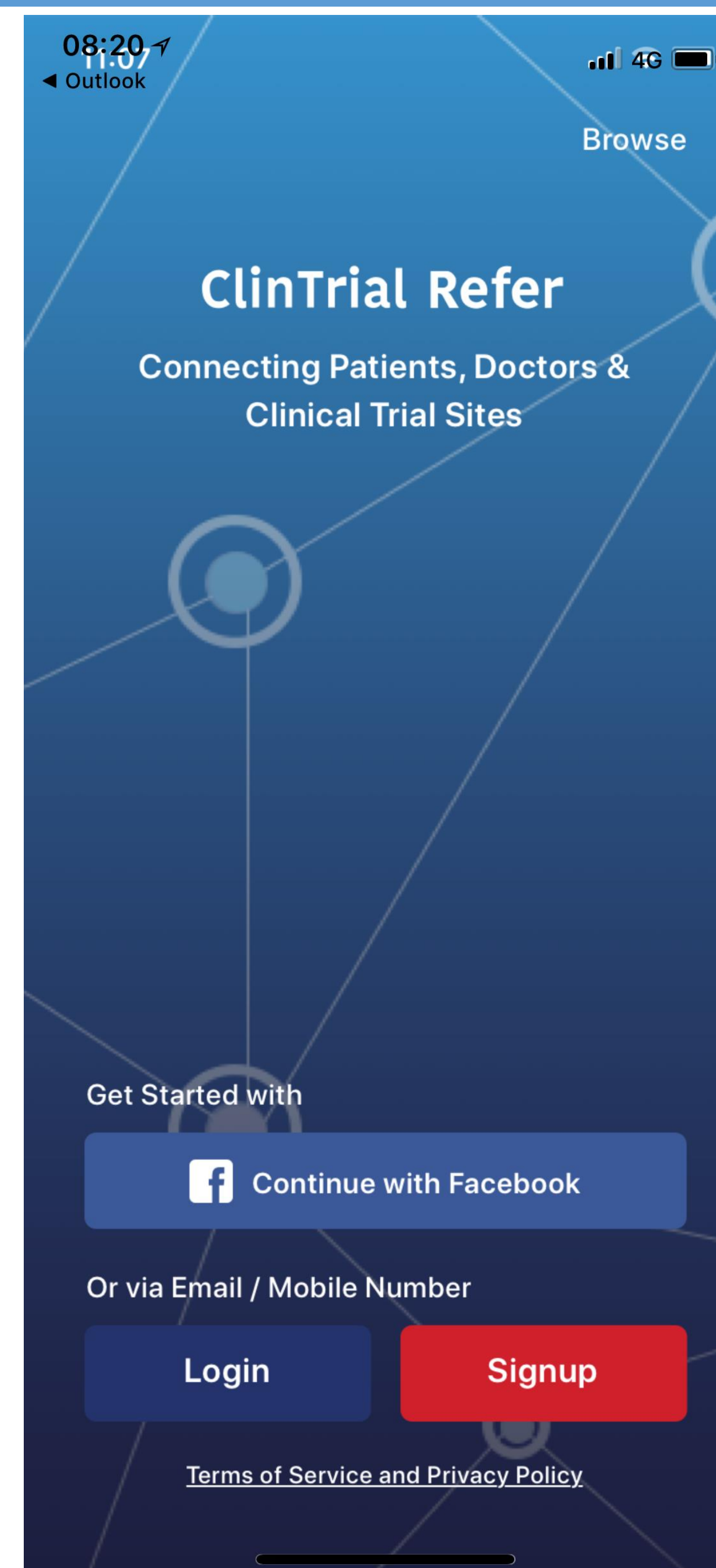


Background/Aims

ClinTrial Refer is a mobile smartphone and web-based platform <http://www.clintrial.org.au> to connect doctors and patients to available recruiting clinical research trials. As a successful template, ClinTrial Refer has been replicated to over 20 derivative apps. This project – ClinTrial Refer Version 2 - will build on the past evidence to integrate these derivative apps to one new digital platform. It aims to enable global searching, link to ANZCTR and build a national and potential global solution to improving cancer trials recruitment through cross-referrals. The new platform aims for flexibility to change and add features for future.

Methods

A ClinTrial Refer Management Team was formed for governance and oversight. Subject Matter Experts were selected to advise the management team. An exercise to determine the scoping document was completed. A selection process for the developer against the scoping document was undertaken. Critical to the scoping exercise was retaining the small networks (apps) which have built collaborations for cross-referrals. Other critical methodology was retaining the ease-of-use and the use of discipline related fields. Part of the scope included the ability to add new features in further upgrades. Teleconferences with current app managers were held, capturing a wide variety of views for new features and to ensure compatibility of settings between the cancer apps. Disciplines and health conditions and site locations needed to be standardised to minimise workload and duplication in adding new trials and updating statuses. Communication pathways with current app managers were developed to ensure collaborative approaches. Linkages to the ANZCTR were explored.



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Results

The developer was engaged to create the new version of ClinTrial Refer. Version 2 of ClinTrial Refer will be a robust, compatible digital platform, retaining the ease-of-use and simple quick search. The scoping document was approved. Users will, on first download, on-board and register, giving app managers the ability to determine demographics of the users. Users can select one default app or more, or choose a global search. Settings for disciplines have been standardised and approved across the apps. An agreement with ANZCTR will encourage our collaborative effort, and enable downloads of data to reduce manual input, decrease duplication, and increase the quality of the data in trial fields. The ClinTrial Refer Version 2 app enables new apps to be created by the management team, reducing time to go-live. Cohort management for phase 1 trials is implemented. Type of enrolment, and healthy volunteer trials are included. A backlog of new features is being built to capture ideas for future. The first beta version is expected for testing in August 2018. Launch is expected before November 2018.

Conclusions

This project solves the growing problem of duplication of the derivative apps using collaboration. A stable robust ClinTrial Refer platform will form part of the national infrastructure. With a combined database users will be able to search across multiple locations for cancer trials. It is expected that this database will be an enabler for other clinical trials projects such as patient matching. The project provides increased Australian trade expectations in Clinical Trials. Sponsors can compete internationally for trials based on better evidence of performance. Collaborative recruitment means targets are met earlier and this means bringing products to market earlier. With reduced timelines, sponsors will be attracted to bringing their trials to Australia.

