WeGuide: The ePRO App for DFdiscover

Sandy Buchanan, 26th September 2019
Our background story

- Spinoff of Curve Tomorrow (AU)
- 20+ Custom Research Data collection tools
- Built on top of existing EDC’s (REDCap)
- Commoditising mobile data collection

Sandy Buchanan
Head of Partnerships WeGuide
Collect high quality data directly from participants and keep them engaged.
Why we built this

Research is going digital
Cost of paper-based diary
Quality of data
Opening up new kind of studies

5 Years Ago

Thanks for the iPad, grandma!
Case Study: PPOIT

Peanut Allergy Tracking

- Track symptoms and reactions
- Notify clinicians in emergencies
- Families can stay at home
Case Study: AERIAL

Temperature monitoring for infants

Follows 10,000 newborn infants
Daily temperature monitoring
Prompt to take physical swap if in fever
OK, so how does WeGuide work?

ePRO that sits on top of DFdiscover

1. Setup study in DFdiscover
2. Study participants login/open WeGuide
3. WeGuide receive study data from DFdiscover and dynamically generates app content
4. Data is collected and WeGuide sends data directly to DFdiscover, with no servers in between
WeGuide & DFdiscover

Features

- Use DFdiscover API to dynamically drive WeGuide
- iOS / Android App
- User authentication
- Study information
- Offline data collection
- Notifications
- Support for multiple questions types
- Regulation compliant
Benefits of WeGuide

**Improved quality of self-reported data**
- Instant validation of data entered.
- Filling in data at the right moment.

**No more manual data entry**
- Data transferred straight into EDC, no more manual data entry.

**High user engagement**
- High adherence via evidence based behaviour change techniques
User experience is **key**

ePRO that sits on top of existing EDC’s

10 seconds a day, keeps the researcher away
Optimising flow so that data can be entered in a matter of seconds

5 days in a row!
Streaks to keep people engaged

That inbox zero feeling
Game-ify and reward completion
What is WeGuide
Let’s have a play

Go to the App Store and search:

**PPOIT**

Download ‘PPOIT study follow up diary’

Participant ID (Case sens.): **TEST_003**

Name: **Disha**

DOB: **21-08-2013**
Workshop Session
Features:

1. Researcher creates study.
2. Researcher creates new study subject.
3. DFdiscover generates unique study subject code.
4. The researcher gives this code to the study subject.
5. Study participant downloads WeGuide app and enters the unique code.
6. WeGuide sends unique code to DFdiscover.
7. DFdiscover deciphers this code and sees if the study and the study participant exists.
8. If code exists, user is granted access.
9. We log in the user and present their unique code somewhere in the app.
10. If a user loses their phone, they can log in with the code.
10a. The researcher can decide if they hand out the code, or if they have to contact the study administrator to get the code.
Wishlist?

- Self-enrolment of participants: Scanning a QR code off a poster
- Screening of participants
- Digitally informed consent
- Digital Patient Visit
- Web application
- SMS/e-mail notification to users
- Wearable integration
- Customisation
- Authenticate with email address
- Clinician registration
Thank You

Sandy Buchanan, WeGuide
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WeGuide
Healthcare Data collection made easy

Research

Clinical
This is WeGuide
ePRO that sits on top of existing EDC’s

Let participants collect data for your study

Improve patient engagement & retention

Real-time access to your data