

TECHNOLOGY: ... **Xamarin & .NET**
 FRAMEWORK:NET Core
 INDUSTRY: ... Consumer

REGION: ... **South Africa**
 REACH: ... International
 SCOPE: ... New Market Channel

TYPE: ... **Project**
 ENGAGEMENT: ... Fixed Scope Delivery
 COST: ... Fixed

Overview

Project Exodus is an innovative, ground-breaking strategy which addresses issues of **substance dependence, compulsive disorders, and pornography addiction** in brand new ways.

It's time to rethink recovery

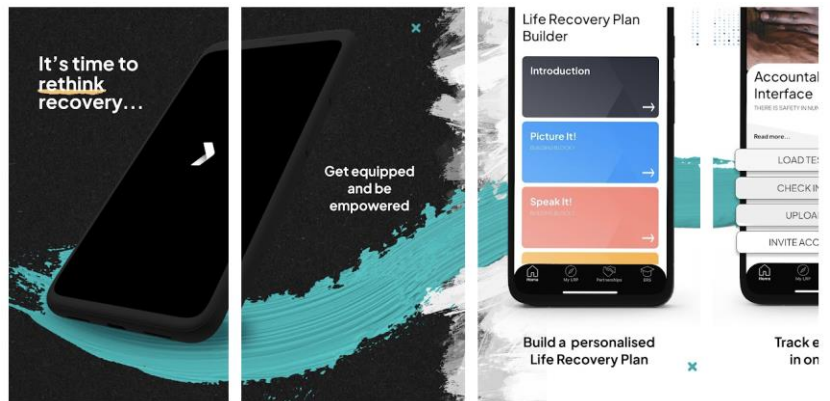
Recognising the changing needs in their target demographic, Project Exodus brought a new mobile application channel to market; to support a potentially global audience with **life recovery planning**, a key component of the substance recovery methodology of Project Exodus.

First Digital assisted with a **turn-key project**, including requirements analysis, design, construction and deployment of a mobile application, hosted on both the Apple App and the Google Play stores.

Using a **Microsoft Cloud** hosted backend, built on **.NET Core** and using Microsoft's cross-platform **Xamarin** technology stack, First Digital and Project Exodus successfully launched the application in February 2022.

Approach

Working closely with Project Exodus, First Digital participated in an integrated team to design and produce a new mobile application for Project Exodus.



Application requirements were managed between **Balsamiq Cloud** and **Adobe XR**. Work backlog (including the quality assurance process) between the two teams was supported by **Azure DevOps**. Targeting **Azure app-native services** and using the **.NET Core** development framework, a modern and secure backend was developed on top of which the **Xamarin** cross-platform front end depends on. The benefit of this approach includes:

- An application framework that brought to market a full life recovery planning and skills development app, underpinned by the Project Exodus recovery methodology
- A foundation for future apps that can target specialised addiction and recovery tools
- A consistent codebase for supporting the security, storage and user experiences, including once-off and subscription-based purchases
- A solution that is modern, maintainable and future proof

Summary and Benefits

First Digital and Project Exodus worked together to bring a commercial mobile app to market:

- Modern .NET Core, Azure Cloud hosted, Xamarin frontend application
- Integrated payments, email reminders and SMS functionality
- First Technology Investments contributed over R½mil (\$40k) towards the development of the application via their social responsibility investment commitments



See More

APP: ... [Play Store & App Store](#)

CONTACT: ... info@firsttech.digital

VIDEO: ... [Project Overview](#)

About

First Technology Digital is a First Technology group company. We are a future enablement partner specialising in product development, digital transformation consulting and the design, development, and deployment of enterprise solutions to various international clients. We are a Microsoft Gold partner and a proudly South African company.