**Design and development of a service marketplace and scheduling app**

SE-B-4

Amit Kalimi; amitka1@ac.sce.ac.il

Yaron Sa'adon; yaronsa1@ac.sce.ac.il

Advisor: Ms. Alona Kutsyy1

1SCE - Shamoon College of Engineering, Be'er-Sheva

This project focuses on the development of a service marketplace app that connects clients with businesses of all sizes. Users can browse available services, find what they need, and schedule appointments directly through the app. On the business side, service providers can manage bookings via an in-app calendar, sync it with external calendars, and handle appointments by accepting, canceling, or manually creating them. The system aims to streamline the service discovery and scheduling process while giving businesses flexibility and control over availability and bookings. The design challenges involved creating a seamless, intuitive interface for both clients and providers, with real-time scheduling and reliable calendar integration.

Keywords: app development, booking, business management, calendar integration, scheduling, service marketplace, user interface design