**Smartdeal: a marketplace platform for connecting service seekers and providers with customized pricing**

SE-C-8

Omer Cohen ; omcl97@gmail.com   
Itay Ventura ; itayventura1@gmail.com

**Advisor:** Dr.Yochai Twitto

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

Selecting a service provider that meets specific needs and budget can be a difficult task. This project aims to create SmartDeal, a marketplace platform that connects individuals seeking various services with professionals, offering a dynamic pricing mechanism that aligns with each user’s requirements. The platform enables users to post service requests, set their maximum budget, and find providers who match their criteria. Professionals, on the other hand, can browse requests, evaluate the proposed budget, and decide if they wish to offer their services. The key challenge of this project was to create a platform that ensures transparency, trust, and a seamless user experience for both customers and service providers.

**Keywords:** dynamic pricing, marketplace, service matching, service providers, transparency, user experience