**Wedding planner**

SE-D-4

Liav Maman; liav11maman@gmail.com

Yair Eliyahu; yaireliyahu2013@gmail.com

Advisor: Dr. Alexander Churkin

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

Planning a wedding in Israel involves complex vendor and guest management. This project introduces a digital wedding planning platform using Next.js and TypeScript. Key features include guest management, task tracking, budget control, and preference settings. The MongoDB backend with Mongoose allows flexible data modeling. Simulations show a 45% reduction in guest management time and 60% improvement in task tracking versus traditional methods. Current limitations include limited vendor integration, while future enhancements will incorporate AI-driven recommendations and automated messaging. This tool centralizes wedding planning, helping couples maintain organization and control throughout the process.

Keywords: ai recommendations, digital platform, guest management, mongodb, mongoose, next.js, typescript, ux/ui