**Software Requirements Specification Document**

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# **Brief problem statement**

This innovative platform transforms how companies and freelancers connect and collaborate on software projects by integrating a guild-based system and a reputation-driven approach. Unlike Fiverr, which primarily focuses on individual freelancers bidding on projects, our platform emphasises group collaboration. Freelancer groups, or "guilds," can pool their collective skills and reputation to bid on projects more efficiently and effectively. This dynamic environment fosters teamwork and ensures that the best-suited guilds win contracts while allowing the client to make the final decision. Even though Fiverr exists, it is more like an individual thing, and an algorithm gives the final call.

# **System requirements:**

**Technologies:**

* MERN Stack
* Vercel/Render for deployment
* Socket.io
* APIs

**System Requirements for Development:**

* i3 processor or higher.
* Basic graphic card
* RAM - 6GB or above

# Users profile:

# Freelancers: These users are individuals or small teams seeking project-based work. They are moderately familiar with computers and web-based software, as they regularly use online platforms to find projects, manage bids, and communicate with clients. Their primary access mode will be through personal laptops or desktop systems with basic specifications, as most resource-intensive operations are cloud-based. Freelancers will browse available projects, submit bids, and track their progress on won contracts.

# Companies: These users represent businesses or teams posting projects for freelancers to bid on. They generally have a more structured workflow, and the individuals managing the platform may have varying levels of computer expertise, from basic to advanced. Like freelancers, they will access the system through standard computers with basic specifications, as data-heavy tasks are handled in the cloud. Their usage will involve creating project listings, reviewing bids, and selecting suitable freelancers or teams.