

Requirements Document

1. Introduction

GBTC (Giving Back to Community) is a web-based platform aimed at facilitating knowledge sharing, skill development, and networking within the software industry community. The platform caters to both students aspiring to enter the software industry and professionals already employed in it. By providing a range of features such as blogs, live streams, project showcases, interview experiences, and referrals, GBTC aims to create a vibrant community where members can learn, teach, and support each other.

2. User Roles

GBTC supports two types of users:

- **Students:** Individuals currently pursuing education or seeking entry into the software industry.
- **Employed Professionals:** Individuals already employed in the software industry who wish to give back to the community and support aspiring professionals.

3. Non-Functional Requirements

3.1 Performance:

- The platform should be responsive and scalable to handle concurrent user interactions.
- Page load times should be optimized to provide a seamless user experience.

3.2 Security:

- User data should be encrypted during transmission and storage to ensure privacy and security.
- Authentication mechanisms should be robust to prevent unauthorized access to user accounts.

3.3 Usability:

- The user interface should be intuitive and user-friendly, with clear navigation and informative feedback messages.
- Accessibility standards should be followed to ensure that the platform is usable by individuals with disabilities.

3.4 Compatibility:

- The platform should be compatible with a wide range of devices and web browsers to accommodate diverse user preferences.