Project implementation plan

System implementation Methodologies

Agile development has been used in the past, in order to get to market quickly. From there on, a combination of incremental with the V development methodology has been adopted, as to ensure quality, which is often suffering under methodologies's quick nature. The V methodology is rather reflective of modern software design engineering, aligning with a in strength having risen trend called *'atomic design'*, in which components are used to emerge to higher-order components to create whole designs.

Software requirements management

As *Adid's* conception and implementation heavily rely on certain technologies, specific requirements have to be met, in order for the development to be thoroughly planned and not endure setbacks through missing deliverables on time or for failing quality tests.

Non-functional requirements

Implicit or expected characteristics

The app should be intuitive to be used, achieved through mimicking the operating system's native application style, thus comply with the device designer's guidelines and overall design language. Native components are ought to be used majorly over custom components as to reduce confusion. As of the new standards of the IOS design language, dimensions of time and space should be considered.

In order to enhance and differentiate the app's experience, a constant presence of *depth* has been integrated into the most essential component of the user interface, the menu and navigation at once (well, less of navigation, as the app could be considered *single-page;SPA*).

Functional requirements

The main functionality that *adid* requires, is the ability to turn *a string* into a QR code. All major functionality can be described by *string concatenation.* This *string* represents your *adid code*, which is then transformed into a qr code representation of itself.

User interface requirements

The user interface should be based on apple's standard *human interface guidelines* and follow apple's design language in order to provide the most intuitive experience possible to the user.

Other considerations

- **Partnerships needed?**
- **Future development plan**
    - future features and ambitions
- **Current development plan**
    - How the project will be develop with the requested funds?

Operations & functionality

features: - must - should - could

Technology development plan

Application technical design

UI design

Process flow