SCAREDTOCOMPILE

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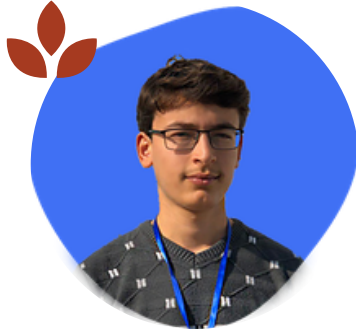
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Timeline Diagram

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Overall description

a.Project purpose   B.Project description
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OVERALL DESCRIPTION

Project purpose

To Create a crowdfunding Web Application that allows the unemployed
and those with ideas to raise money for their projects to solve problems and advance the economy in Africa.

PROJECT DESCRIPTION

The Web Application will be a platform that connects project creators with potential investors.
Project creators will be able to create a campaign page, set a funding goal, and share details about their project.
investors will be able to browse projects, buy actions, and receive updates on the progress of the project.

Project scope

The scope of the project includes the development of the Web Application, user accounts, campaign pages, evaluation processing, and administrative tools.

ASSUMPTIONS

The Web Application will be developed using the latest web technologies and standards.
The site must be secure, reliable, and easy to use. The site must also be compliant with all applicable privacy and security regulations.

state of the art

Responsive design for optimal user experience on different devices.

Secure online payment platform for Investment

Tools for tracking and managing crowdfunding campaigns

Notification system for project updates

Customization options for campaign pages of project creators
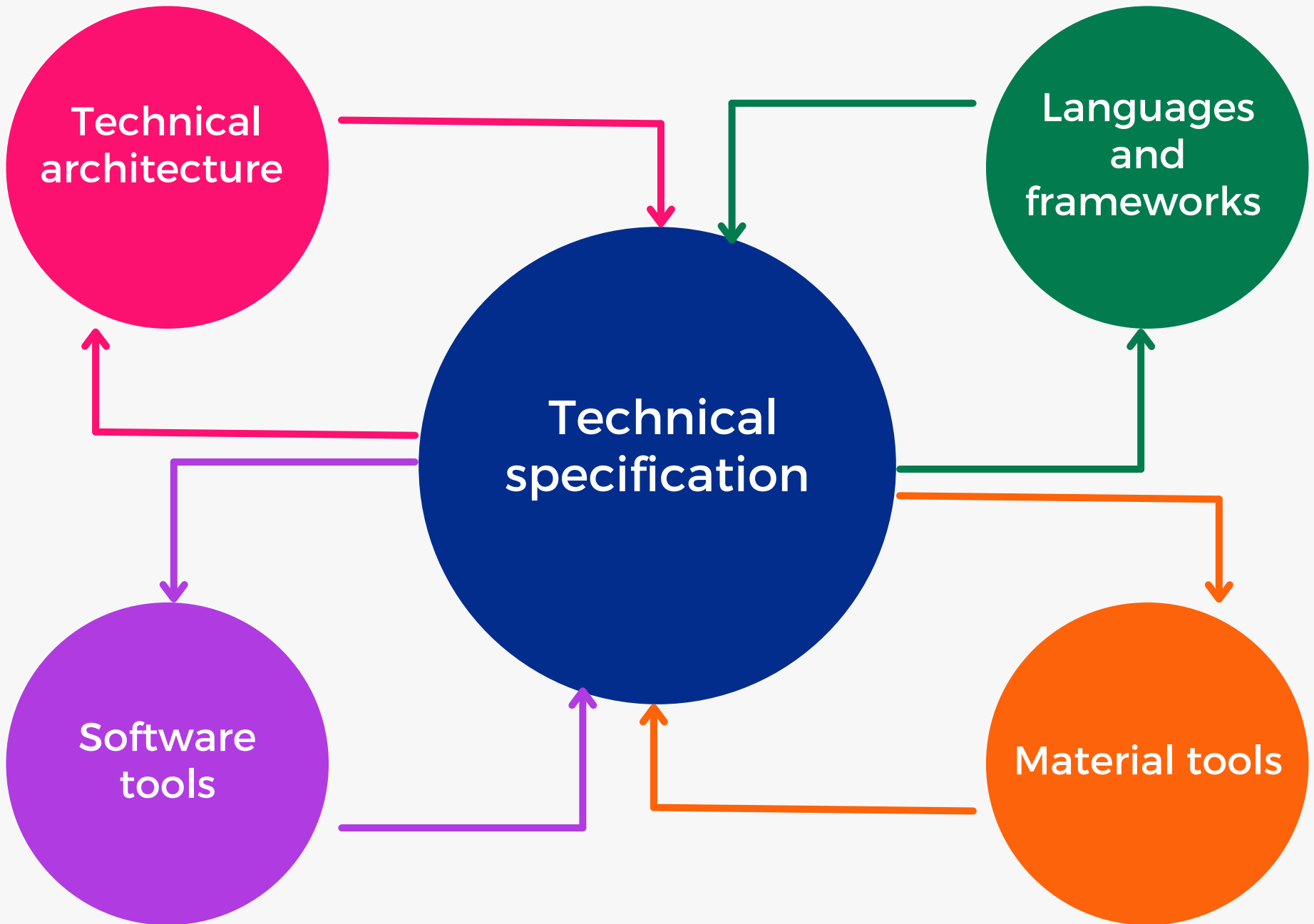
Business features specification (V)

Module	Submodules	System features	Description
Recruiting Management	Employees Management	System feature 1.1.1	Process data of employees
		System feature 1.1.2	Recommend the best employee for a certain job that suits him
Remote Management	Freelancer Management	System feature 1.1.1	Apply for a task/ part time job/ freelance jobs that doesn't require a contract.
		System feature 1.1.2	Upload the job
	innovators Management	System feature 1.2.1	Ask for a freelancer
		System feature 1.2.2	Rate a freelancer

Business features specification (V)

Module	Submodules	System features	Description
User Management	User Management	System feature 1.3.1	Sign up/ Sign in
		System feature 1.3.2	Customize profile
		System feature 1.3.3	Getting recommended job offer
		System feature 1.3.4	Admin dashboard
Evaluation Management	Evaluation Management	System feature 3.1.1	Ability to add XP
		System feature 3.1.2	Ability to reduce XP
	Badges Management	System feature 3.2.1	Ability to add badges
		System feature 3.2.2	Ability to consult badges

Business features specification (V)

project and investment management	project management	System feature 1.1.1	Ability to create a project by entering a title, description, image and fundraising goal
		System feature 1.1.2	Ability to modify a project
		System feature 1.1.3	Ability to delete a project
		System feature 1.1.4	Possibility to consult my projects
	investment management	System feature 1.2.1	Ability to invest in a project
		System feature 1.2.2	Ability to modify an invest in a project
		System feature 1.2.3	Ability to consult my investments
		System feature 1.2.4	Ability to delete an invest in a project

Technical architecture

Languages and frameworks

Technical specification

Software tools

Material tools

LANGUAGES AND FRAMEWORKS

REACT

- Ease of use
- High performance
- Component reusability
- Rich ecosystem
- Interoperability with other technologies
- Abundant documents and resources

EXPRESS JS

- Ease of starting
- Flexibility
- Interoperability with other technologies
- Rich ecosystem
- Speed of development
- Abundant documentation and resources:

SOFTWARE TOOLS

GITHUB

- Version control
- Integrated tools
- Open-source platform
- Integrated tools
- Hosting
- Large community

VISUAL STUDIO CODE

- Cross-platform support
- IntelliSense
- Built-in Git integration
- Extensibility
- Debugging
- Lightweight

Visual Studio Code

MATERIAL TOOLS

PERSONAL COMPUTER

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- A personal computer is required to design, develop and manage a crowdfunding site.

WEB SERVER

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- To host and run the website, you will need a dedicated web server or a shared web host.

OTHER REQUIREMENTS

- ATTRACTIVE AND FUNCTIONAL DESIGN AND ERGONOMICS
- CLEAR DOCUMENTATION AND AVAILABLE TECHNICAL SUPPORT
- FAST AND RELIABLE PERFORMANCE
- RESPONSIVE DESIGN FOR COMPATIBILITY WITH DIFFERENT DEVICES
- EASY SEARCH AND NAVIGATION FUNCTIONALITY
- COMPLIANCE WITH SECURITY AND PRIVACY STANDARDS