Proposal first copy

Contents

[problem statement 1](#_Toc164337507)

[System Analysis and Design 1](#_Toc164337508)

[Related web-based systems 2](#_Toc164337509)

[Benefits of project 2](#_Toc164337510)

[Limitation of project 2](#_Toc164337511)

[Proposed budget 2](#_Toc164337512)

[Challenges faced and to be faced 3](#_Toc164337513)

[Onsite Research, requirements gathering, data collection 3](#_Toc164337514)

[Ethical considerations 3](#_Toc164337515)

## problem statement

“We know that many girls have been stopped to continue with school just because they have seen their first (menstruation) period” [Ms Hope Nankunda](https://www.monitor.co.ug/uganda/lifestyle/reviews-profiles/why-ugandan-girls-are-dropping-out-of-school-1845364) ([Why Ugandan girls are dropping out of school | Monitor](https://www.monitor.co.ug/uganda/lifestyle/reviews-profiles/why-ugandan-girls-are-dropping-out-of-school-1845364)), The government and many NGOs, have several initiatives directed at helping the girl especially with young age pregnancies, however these programs are in English and conference halls, the message does not reach the young girls in actual need of help deep in the villages and ghettos in Uganda. This web project recognises this problem and are grateful for NguvuNation for being able to be physically on ground and visit these communities directly.

The web project aims not to solve a problem per se but to bridge the gap between what’s being done on the locale and individuals seeking change through a call to action inspiring volunteerism, giving back and community involvement among the modern younger generation, enhance online presence especially in corporate and foreign communities .

The web project also seeks to educate its mature audience as mentors (Nalubega, S., & Kalanzi, R. (2023). Girl-Child School Dropout in Uganda) and to create a point of sale for products made through skilling the girls and ladies.

System Analysis and Design   
The system will be developed using a prototype methodology, initially employing HTML, CSS, and JavaScript for the frontend, which will later be upgraded to REACT. Firebase Firestore, a non-relational database offering persistent storage for free, will be utilized for the backend. Task-sharing and XP programming with open communication with the client throughout the development process will be emphasized. Graphic design will receive special attention to ensure a clean and attractive website.

The project is deliberately not constrained by a specified timeframe to encourage creative freedom, particularly in UI/UX design. However, the first prototype is scheduled for release within a month, starting April 18, 2024. Future plans include integrating USSD and bulk SMS systems to cater to users with basic mobile phones.

### Related web-based systems

1. Girlup intiative Uganda (<https://girlupuganda.org>)
2. Concern for the Girl Child (<https://www.girlsnotbrides.org>)

Benefits of project

1. giving back to the community and ability for developers to work free of environmental constraints which inspires passion and creativity.
2. Recognition of team members in the corporate world
3. A call to action for activist, world changers, well-wishers, and an invitation to treat for donors

### Limitation of project

1.Teamwork, one member of the team can affect the entire production.

2.lack of an actual backend logic could cause problems in the future since we have to frequently maintain our database

3. It being free and open source could pause a security risk

4. The Project may be hindered by inadequate literature, data and system requirements. The team plans to visit the premise so as to build a useful product.

## Proposed budget

* domain name purchase
* hosting service purchase
* Front end developer
* Firebase developer
* Graphics designer
* Consultation fees
* Product designer

## Challenges faced and to be faced

## Onsite Research, requirements gathering, data collection

## Ethical considerations