**Github link :** [**https://github.com/Abigail-Owusu/campusbuzz.git**](https://github.com/Abigail-Owusu/campusbuzz.git)

**Deployed app:** [**https://ashesisocialapp.web.app**](https://ashesisocialapp.web.app)

**A description of your entire system. (1/2 a page to 1 page)**

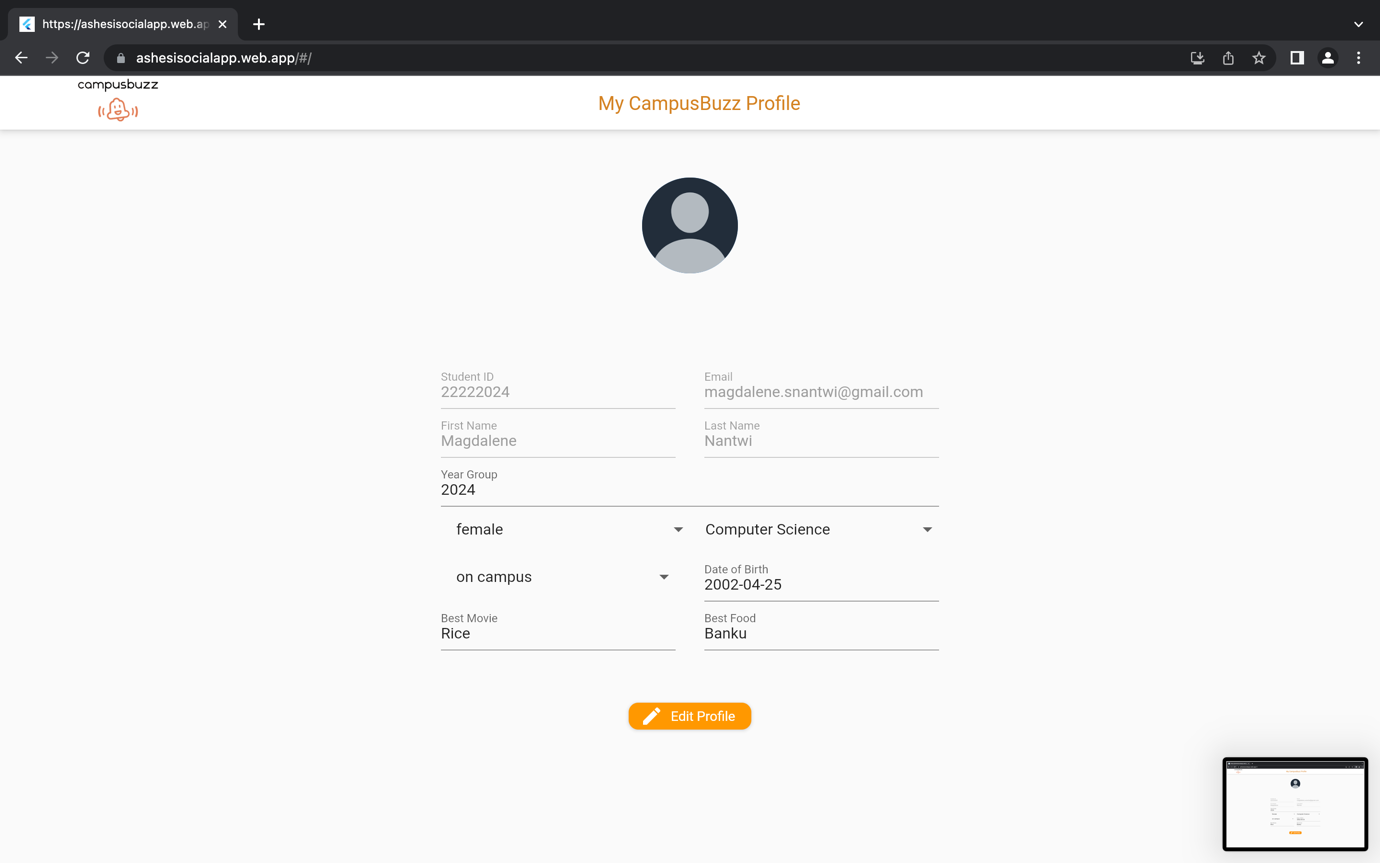
CampusBuzz is a social media web application designed for students at Ashesi University to communicate with each other and be updated on what is going on in the school. The frontend aspect of the work was built in a dart programming language with Flutter framework. The backend language was coded in Python, and lastly, firebase was used as the database.

CampusBuzz web app has a signup page where new Ashesi students get to register an account. After the account has been registered, the user is sent to a login page where they can log in. On successful login, i.e., email and password have been verified with information from the firestore database, the user is sent to the feed page. Once the feed page loads, the user can make a post and it would appear in real time. After the user makes a post, emails are triggered and sent to all students in the database to notify them that a particular student has made a post. The user can click “my buzzes” to access all posts made by them. The user can also view their profile and edit it. The user can view the profile of other by clicking on their name or by searching for them on the feed page. After all these activities, the user can successfully log out.

* A description of how to test your system. (1/2 a page to 1 page)

In my git repo, I have two files, campusbuzz\_app and cb\_api. After you clone the repo, cd into campusbuzz in the terminal and type flutter run to run the app. Once the app is run you will see the login page. If you already have an account you can login otherwise click register to create an account. Once you create an account you will be asked to login again. Once logged in you will be directed to the feed page where you can make posts, search for other users and view your profile. To view your profile you click the profile button. In the profile section you can edit your profile by clicking edit. Once you are done you can logout.

A screenshot of a computer

Description automatically generated with medium confidenceA screenshot of a computer

Description automatically generated with medium confidenceA screenshot of a chat

Description automatically generated with medium confidenceA screenshot of a login page

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