

~~Business model / Impact :~~

→ we can provide the application in a Subscription based.

Existing solution:

• <https://www.spendee.com/>

Recommended Technology Stack:

→ Python, Flask, IBM DB2, Docker, Kubernetes, IBM Cloud, etc.

Reference:

→ <https://www.researchgate.net/publication/1347972162> Expense manager Application

Use Case 2: Nutrition Assistant application

→ Due to the improvement in people's standards of living, obesity rates are increasing at an alarming speed, and this is reflective to the risks in people's health.

→ People need to control their daily caloric intake by eating healthier foods, which is the most basic method to avoid obesity.

→ However, although food packaging comes with nutrition (and calorie) labels, it's still not very convenient for people to refer.

→ APP-based nutrient dashboard systems which can analyze real time images of meal and analyze it for nutritional content can be very handy and improve the dietary habit.

Social impact:

→ It will help people with providing proper nutrition and helps in maintaining a healthy lifestyle.

Business model / Impact:

→ social media is the best way to spread the word about our application and with the influencers we can attract the normal people.

→ clustering and targeting the fitness people with the help of local gyms.



existing solution:

- <https://www.nutritionassistant.com/>
- <https://nutritionioapp.com/>

recommended technology stack:

- Python, Flask, IBM DB2, Docker, Kubernetes, IBM Cloud, etc.

Reference:

- [https://www.researchgate.net/publication/348459867\\_nutrition\\_assistant\\_opportunities\\_within\\_the\\_nutrition\\_care\\_process\\_for\\_patients\\_with\\_or\\_at\\_risk\\_of\\_malnutrition\\_a\\_systematic\\_review](https://www.researchgate.net/publication/348459867_nutrition_assistant_opportunities_within_the_nutrition_care_process_for_patients_with_or_at_risk_of_malnutrition_a_systematic_review)

Use-Case 3: Skill/Job Recommender Application:

→ Students will have the skill but they are unable to get the desired job for skills they have.

→ We are proposing an application which will help the students to give suggestions on the jobs based on the skills.

→ Students can also enquire about skills that are required for their desired job.

## Social Impact:

→ Students will be benefited they will get know which jobs suits them based on their skill set.

## Business Model / Impact:

- we can provide the application for job seekers in a subscription based.
- we can share the profiles with companies and generate the revenue by providing them best profiles.

## Existing solutions:

- <https://www.hirist.com/login>
- <https://www.linkedin.com>

## Recommended technology stack:

→ python, flask, IBM DB2, Docker, Kubernetes, IBM cloud, etc.

## Reference:

- <https://www.researchgate.net/publication/325697854> Job Recommendation based on Job seeker Skills. An Empirical study.



## Use Case - 4 : Plasma Donor Application

→ During the COVID-19 crisis, the requirement of plasma became high and the donor count being low.

→ Saving the donor information, helping the need by notifying the current donors would be a helping hand.

→ It is very difficult to find the respective blood group donors when anyone is in need.

→ In regard to the problem faced, an application is to be built which would have the donor details stored and inform them upon a request.

### Social Impact :

→ We can save some life who are in need of plasma.

## Business Model / Impact:

→ we can collaborate with Govt and it can utilise app to help the people who are in need of plasma.

## Existing Solutions:

- <https://delhi.fights.c corona.in/donateplasma/>
- <https://www.blood.co.uk/plasma/>

## Recommended Technology stack:

→ Python, flask, IBM DB2, Docker, Kubernetes, IBM cloud, etc.

## Reference:

- <https://www.researchgate.net/publication/273067813-Free-Blood-Donation-Mobile-Applications>

## Applications.

- <https://revonprojects.com/instant-plasma-donor-receiver-connector-android-app/>

# cloud Application development:

## use - case 1: Personal Expense Tracker Application

→ All the financial decisions and activities that you make are unable to keep a track of it.

→ This app makes your life easier by helping you to manage your finances efficiently.

→ A personal finance app will not only help you with budgeting and accounting but also give you helpful insights about financial management.

### Social Impact:

→ It will help the people to track their expenses, and also alerts when their expenses you exceed the limit of your budget.



# Cloud Application Development:

## Use-Case 1: Personal Expense Tracker Application

→ All the financial decisions and activities that you make are unable to keep a track of it.

→ This app makes your life easier by helping you to manage your finances efficiently.

→ A personal finance app will not only help you with budgeting and accounting but also give you helpful insights about financial management.

### Social Impact:

→ It will help the people to track their expenses, and also alerts when their expenses you exceed the limit of your budget.