Project Development Phase
Sprint - 1

Date	28th October 2022
Team ID	PNT2022TMID17830
Project Name	Deep Learning Fundus Image Analysis for Early Detection of Diabetic Retinopathy

Sprint Plan

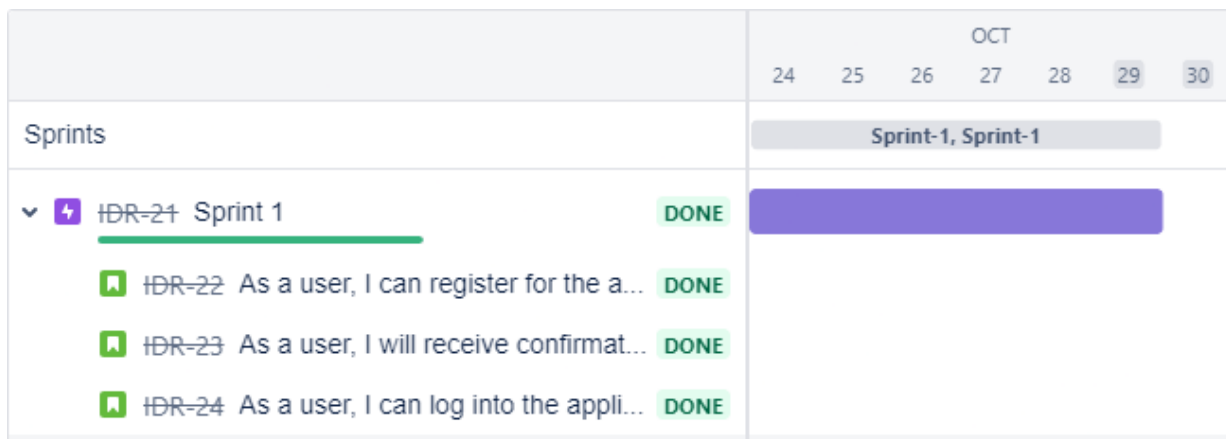Define the initial stages of the problem requirement.
Draw and understand the flowchart of the sprint
Assign tasks to each teammate

Team Tasks

- As a user, I can register for the application by entering my email, password, and confirming my password.
- As a user, I will receive confirmation email once I have registered for the application
- As a user, I can log into the application by entering email & password

Progress

Sprint tracker

start date   end date   current sprint points

24 Oct 2022   to   29 Oct 2022   20 sprint points

Velocity for Sprint-1 = 20/8 = 2.5

Code Snippet

```python
@ app.route('/register',methods=["GET","POST"])
def register():
    if request.method == "POST":
        name =  request.form.get("name")
        mail = request.form.get("emailid")
        mobile = request.form.get("num")
        pswd = request.form.get("pass")
        data = {
            'name': name,
            'mail': mail,
            'mobile': mobile,
            'psw': pswd
        }
        print(data)
        query = {'mail': {'$eq': data['mail']}}
        docs = my_database.get_query_result(query)
        print(docs)
        print(len(docs.all()))
        if (len(docs.all()) == 0):
            url = my_database.create_document(data)
            return render_template("register.html", pred=" Registration
Successful , please login using your details ")
        else:
            return render_template('register.html', pred=" You are already a
member , please login using your details ")
    else:
        return render_template('register.html')
```

Test cases

Test cases	Result
Improper mail id given	Not registered
Phone number not given	Details not stored
Password not provided	Details not stored
Confirmation mail message	Sent successfully
Log in to the application	Successful
Log in to the application with wrong password	Showing error message successfully
Log in to the application showing other user	Improper user
Log in to the application using unregistered mail	Mail not found