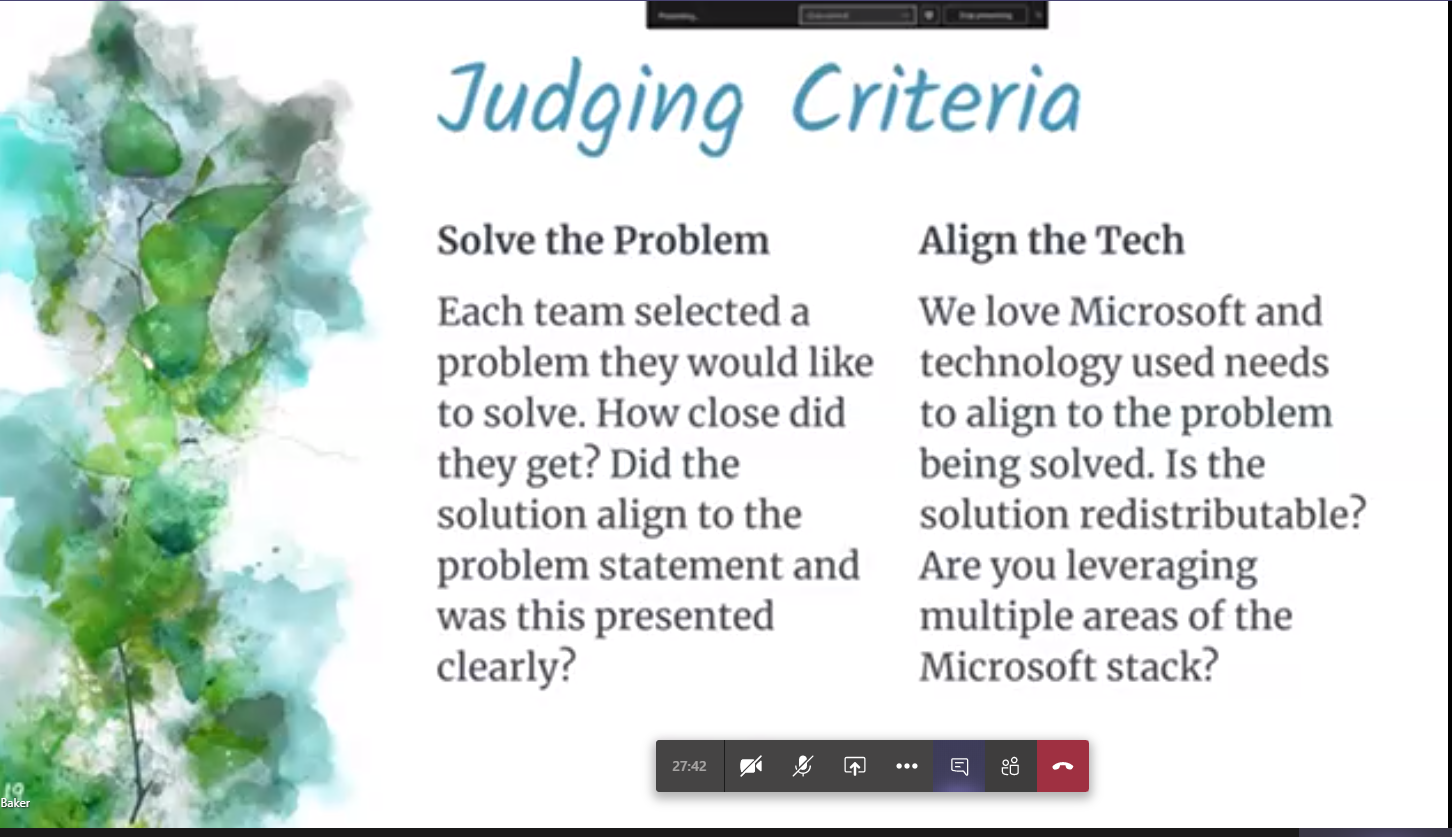
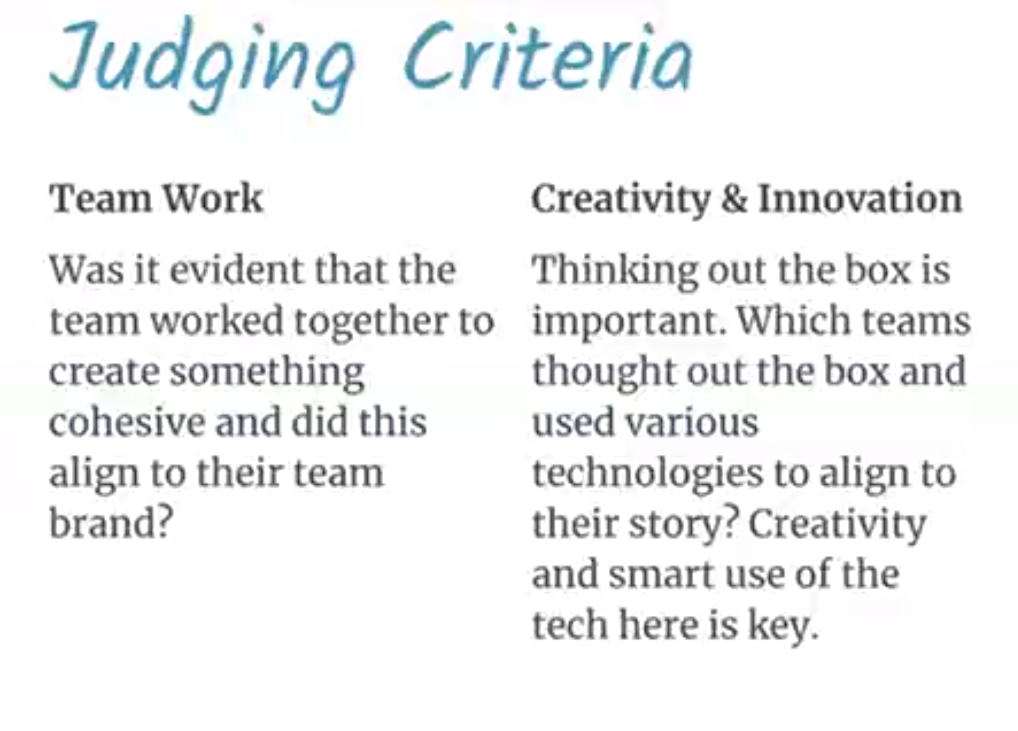
Dynamics Peers

Challeng: Provide a solution, for people with IT tools based on below 4 pillars.





Team members and tasks assigned

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sabjan | Manju | Alagesan | Bhuvanesh | Syed |  |
| -Team lead and communication  -Helps all teams members on all tasks  -Wireframe for app | -CDS Setup  -CDS entities customizations  -Canvas app design  -Chat bot | -CDS Setup  -CDS entities and customizations  -PowerBI report | -Canvas app design  -Power automate integrate | -Canvas app design  -Chat bot |  |



**List of problems identified: 5 Problems identified Initially at hr 2.**

1) Help me App: Vulnerable people try to reach the helping people or volunteers to help them, by just staying at home

2) Symptom checker App:  App should have list of symptoms with some business logic to validate the criteria whether the person has Covid 19 symptoms or not. All should be traceable in reports at backend by GP and be proactive.

3) Troubled animals tracer:  App for common person to send the details to RSPCA or council on any animals having suffering or dead. It can be a dead mice, cat or an injured pet. By providing the exact location with street they action.

4) Report Street issues : Report any issues with daily travel, at parks or on streets. It can cover road works, pits/pot holes on the road, kids play area broken items. Take a picture and report to council.

5) Food share app : Share the food which is in excess at home, fresh and hot. so people in need/some one going to buy lunch to order online, can just order for free or an amount that goes to charity.

Narrow down to three ideas:

1) Symptom checker App:  App should have list of symptoms with some business logic to validate the criteria whether the person has Covid 19 symptoms or not. All should be traceable in reports at backend by GP and be proactive.

2) Help me App: Vulnerable people try to reach the helping people or volunteers to help them, by just staying at home

3) Troubled animals tracer:  App for common person to send the details to RSPCA or council on any animals having suffering or dead. It can be a dead mice, cat or an injured pet. By providing the exact location with street they action.

**Visionary statement:**

Problem: Covid-19 is a novice virus, Public are not aware whether they have symptoms of the virus or common flu like influenza. NHS are struggling to cope up with load on phone calls and patients approaching them, It is hard for the NHS to prioritize and manage the most vulnerable patients

Solution: Build an app for GP (local health Centre) to share with local registered patients, so they can check their symptoms by logging to this app.

Symptom Checker App:  App should have list of symptoms with some business logic to validate the criteria whether the person has Covid 19 symptoms or not. Submitted answers should be traceable in reports at backend by NHS and local GP can be proactive to approach the person quickly and start treatment. We can capture the more vulnerable people quickly by identifying their age and any preexisting conditions from their GP database. App should be able to share the GPS locations with their consent.

**List of team members and tasks**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sabjan | Manju | Alagesan | Bhuvanesh | Syed |  |
| -Team lead and communication  -Helps all teams members on all tasks  -Wireframe for app | -CDS Setup  -CDS entities customizations  -Canvas app design  -Chat bot | -CDS Setup  -CDS entities and customizations  -PowerBI report | -Canvas app design  -Power automate integrate | -Canvas app design  -Chat bot |  |

**Technologies planned:**

- Wireframes for Canvas app

- CDS can be used for accessing GP patients data.

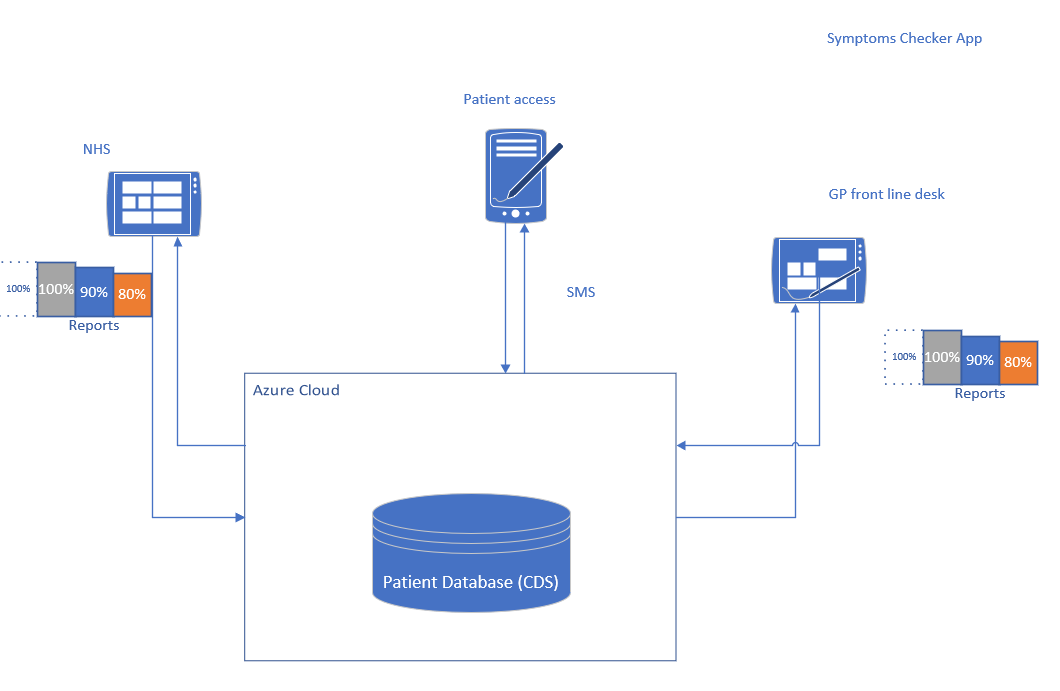
- PowerBI for reports, to see the list of users accessing app and submitted answers

- Power Automate to submit the data request from Canvas app to CDS database, approval email, sms message using twilio

- Canvas app to design the app for end users

- Chatbot

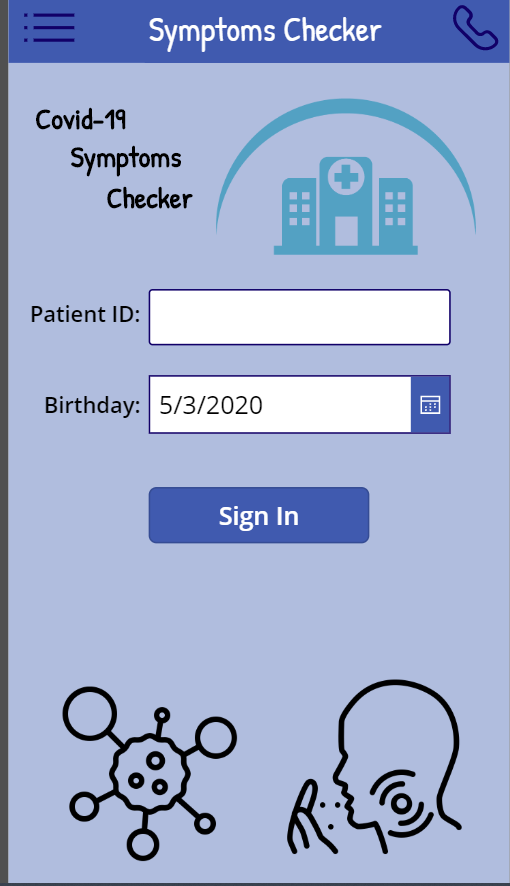
Solution design:

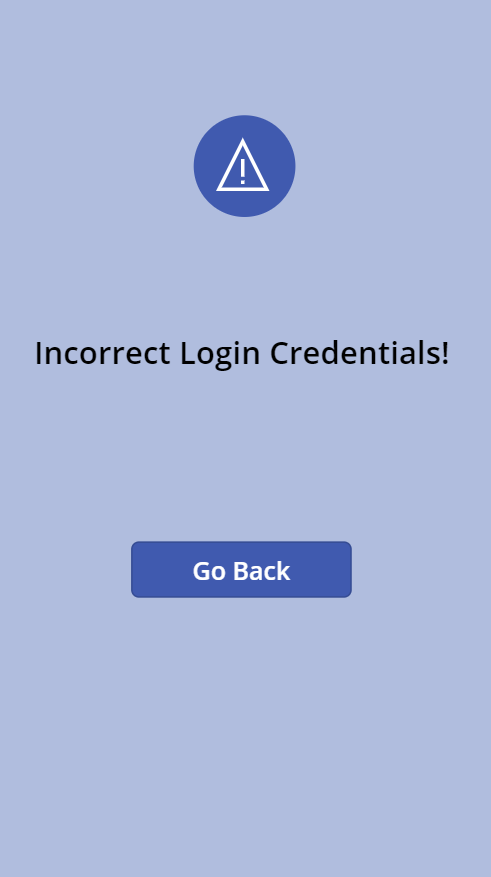


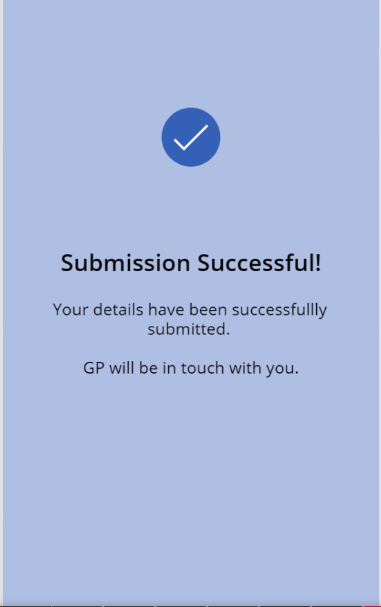
Patient access app Images:

What we achieved

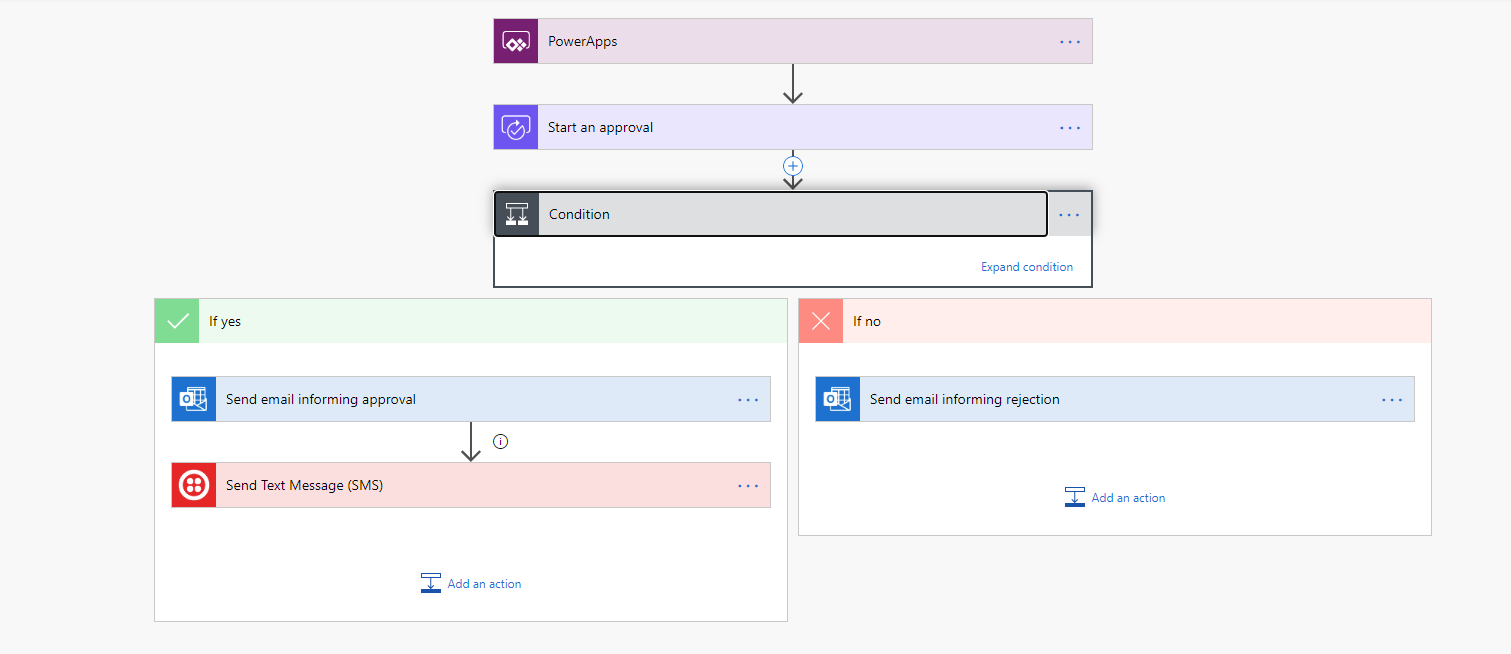
Patient access app is completed with MVP with front end CanvasApp and backend CDS (default).







Power automate:



Journey:

Patient can login in and provide his/her symptoms, those are saved in CDS database, and approval request sent to GP to approve. Once approved email sent to NHS to follow up the customer.

Still to work, but time runout tasks:

Integrate with PowerBI Report

SMS message was configured by trial account

Login details to access:

Username: ssama: ssama@dynamicspeers.onmicrosoft.com

Password: Dynamcis123