**Hackathon WiT entry for ‘OfficeMate’**

1. Submission name: Fantastic Five – FIS Office Mate

2. Short description: **Solution for** **Ensuring Safe opening and operating of our IT Offices Post COVID-19.**

3. Long description:

As the crisis of COVID-19 has wreaked havoc around the world, there will be a day when we will have to live with the virus and come out of this lockdown/Quarantine phase which increases the possibility of spread even more. Businesses facilities are anxious to resume operations following more than two months of lockdown and will need some solid plan to contain the spread and follow the compliance of social distancing.

So, the solution we are suggesting is **FIS** **Office mate** which ensures the safe opening of our IT office and stop further spread while we are in office. This is a web-based application and in future we will be developing the app based and it has multiple features to make life easier once we enter office premises:

* TFR Attendance Management System: Physical Sanitization and Contactless Measures using Devices with touchless temperature measurement and biometrics
* Optimized Floor Seating Management: Optimized floor Management to ensure social distancing and limited workforce in the premises
* Cafeteria Ordering: For adhering social distancing, reducing contacts and increasing productivity
* Personal Wellbeing: Psychological Profiling and Suggestive therapy along with fun factors
* Marketplace for and by Employees

Technology/Platform Suggestions: The idea is in nascent phase and we have explored few technological solutions as below:

1. IBMs ICLOUD for Webhosting
2. IBM Watson Suite
3. Python/json for web backend
4. IBM DataOps

FIS Office mate is better compared to multiple market solutions as this is one stop solution offering umbrella of features.

**This is adaptable, flexible, scalable for large organizations. Easily customizable.**

4. Solution roadmap:

1. Wireframe for our solution:

<https://idoc.mockplus.com/run/uBuWbEkC8dZ/nswIwnehjp>

1. As we have just started with POC of the idea, we will be needing following:
   1. The technology support to implement it
   2. As we are using the existing solutions from market like Biometric Scanner/Sensor based Doors we will have to investigate financial aspects

5. Link to publicly accessible GitHub repository:

<https://github.com/VaishaliPurohit/FIS-OfficeMate>

6. Link to a three-minute demo video: Record a demo of your project, upload it to YouTube or Vimeo and share the URL. Three minutes is the maximum length. You can link to longer versions from your source code repository. Keep in mind that non-technical judges may rely on this more than technical documentation.

<https://vimeo.com/426231017>

7. List of one or more IBM Cloud Services or IBM Systems used in the solution. Your application can use additional data sets, libraries, and externally hosted services to complement the IBM Cloud services or IBM Systems.

Proposed:

* IBM CLOUD for Webhosting
* IBM Watson Suite
* IBM DataOps
* Cloud databases on IBM Cloud™ (Mango DB) or Cloudant

8. Your email address and the email addresses of up to four additional team members. Each team member needs to be registered. You can only be part of one team of up to 5 members, and your team can only submit one application.

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