**Supplementary Table 1: Table showing the various interviewee disciplines during the Hackathon**

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|  | Interviewees Discipline | Comments |
| 1 | Medical Doctor | Doctor at a Covid-19 isolation center (Mbagathi Hospital - a referral facility for Nairobi Metropolis catchment area) |
| 2 | Civil Engineer | In the Water Sector |
| 3 | Medical Doctor | Epidemiologist who is a member of a County Covid-19 rapid response team (Uasin Gishu County) |
| 4 | Nurse | Working at the Kenya Medical Research Institute (KEMRI) |
| 5 | Veterinary Surgeon | Working as the County Veterinary Officer (Busia County) |
| 6 | Veterinary Surgeon | Doing private practice |
| 7 | Laboratory Technologist | Working with the County Covid-19 rapid response and sampling team |
| 8 | Medical Surgeon | Responsible for disaster mitigation and response at the Moi teaching and referral hospital |
| 9 | Youth Counselling Professional | Retired nurse who is currently engaged in youth counselling |
| 10 | Public Health Officer | Working at a public hospital |
| 11 | Medical Doctor | Epidemiologist and Chair of the Household Covid-19 care committee |