

Team Roles

| Role | Responsibilities | Team Member |
|---|--|--------------|
| Initial Team Roles given | | |
| Client/Mentor Touchpoint | Communicating and coordinating meetings and equipment handover between the team and client/mentor/stakeholders | Chris/Edward |
| SDR Engineering | Configuring and operating the physical USRP B-205mini unit and the accompanying srsRAN control software | Sam/Chris |
| Container Engineering | Container setup and automation for the testbed. Dockerfiles, Ansible playbooks and Kubernetes testing. Hardware compatibility and OS imaging. | Edward/Sam |
| Network Engineering | Configuring and setting up network, troubleshooting 5G testbed network infrastructure, logging faults and network performance testing. | Kat/Sam |
| Documentation (Deliverables) | Document preparation for proposal, pitch decks, meeting minutes, client deliverables | All |
| Team Roles during and after the project | | |
| Hardware & Connectivity Engineer | <p>Set up and configure SDR radio modules, including UHD and SDR drivers.</p> <p>Establish and test connectivity between radio modules.</p> <p>Troubleshoot hardware issues and ensure seamless communication between devices.</p> | Chris/Kat |
| Docker & Software Integration Engineer | <p>Set up Docker environments and integrate software packages required for the O-RAN and 5G testbed.</p> <p>Manage containerization processes and ensure software is properly deployed and functioning within containers.</p> | Sam/Ed |

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| Documentation Lead | Facilitate knowledge-sharing and maintain clear, up-to-date project documentation. | Ed |
| Documentation (Deliverables) | Document preparation for proposal, pitch decks, meeting minutes, client deliverables | All |