B.Tech(ECE)-QUANTUM UNIVERSITY-1-Task2- Complex Problem Table

| **SL.No** | **Application** | **Domain** | **Complex Problem Identified** | **Justification** |
| --- | --- | --- | --- | --- |
| 1 | **Medical Imaging and Diagnosis** | Healthcare | Real-time 3D imaging analysis and diagnosis | Requires precise real-time processing and analysis of complex 3D medical images |
| 2 | **Virtual Collaboration** | Workplace Productivity | Seamless integration of remote and physical meetings | Involves creating a smooth user experience that merges physical and virtual interactions |
| 3 | **Immersive Education** | Education | Creating fully interactive and engaging virtual learning environments | Needs advanced interaction design and content delivery to maintain engagement and effectiveness |

TASK 2