

Modern Software Architecture : From Functional Design to Azure Solutions

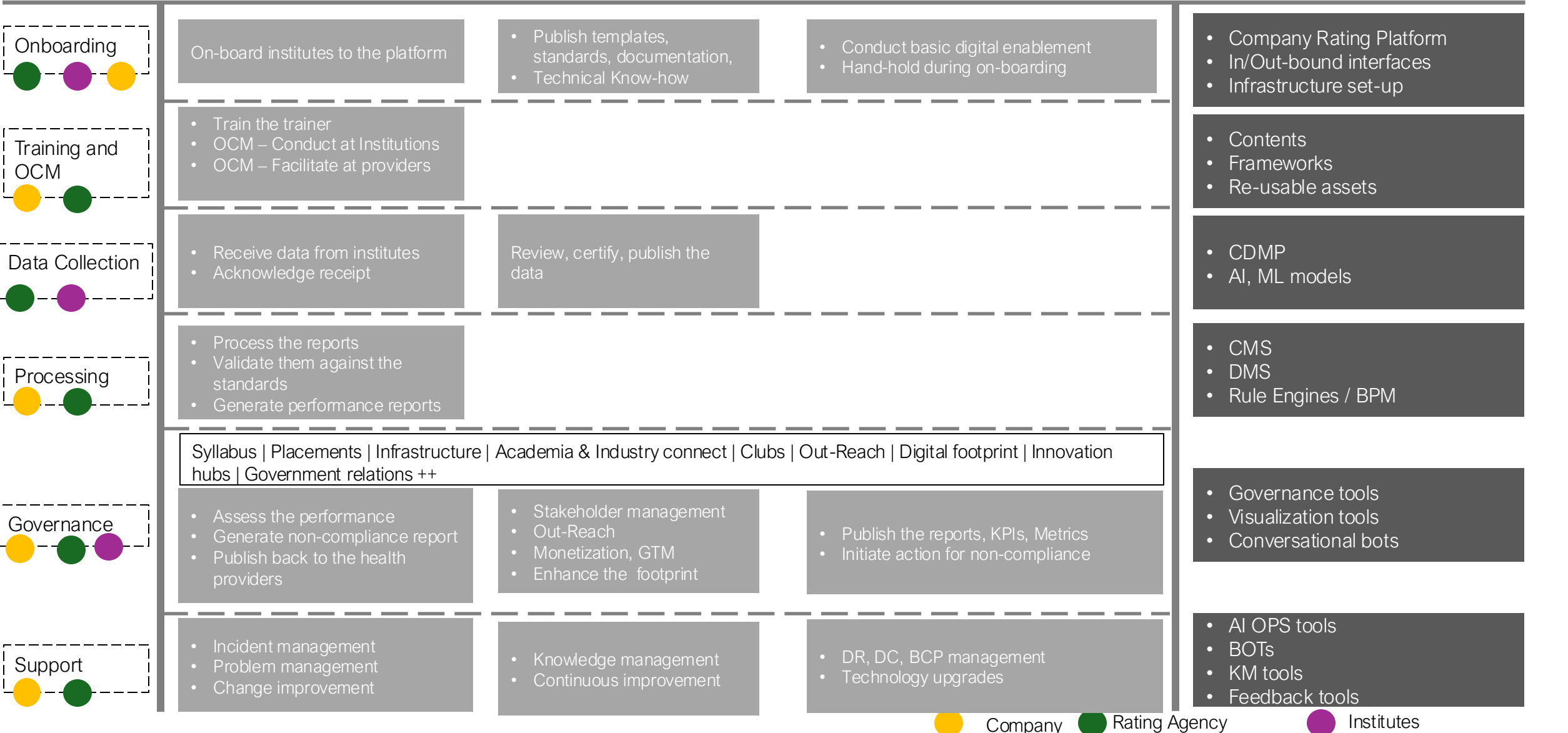
Nelson Kulandairaj, IT Executive

Our scope understanding

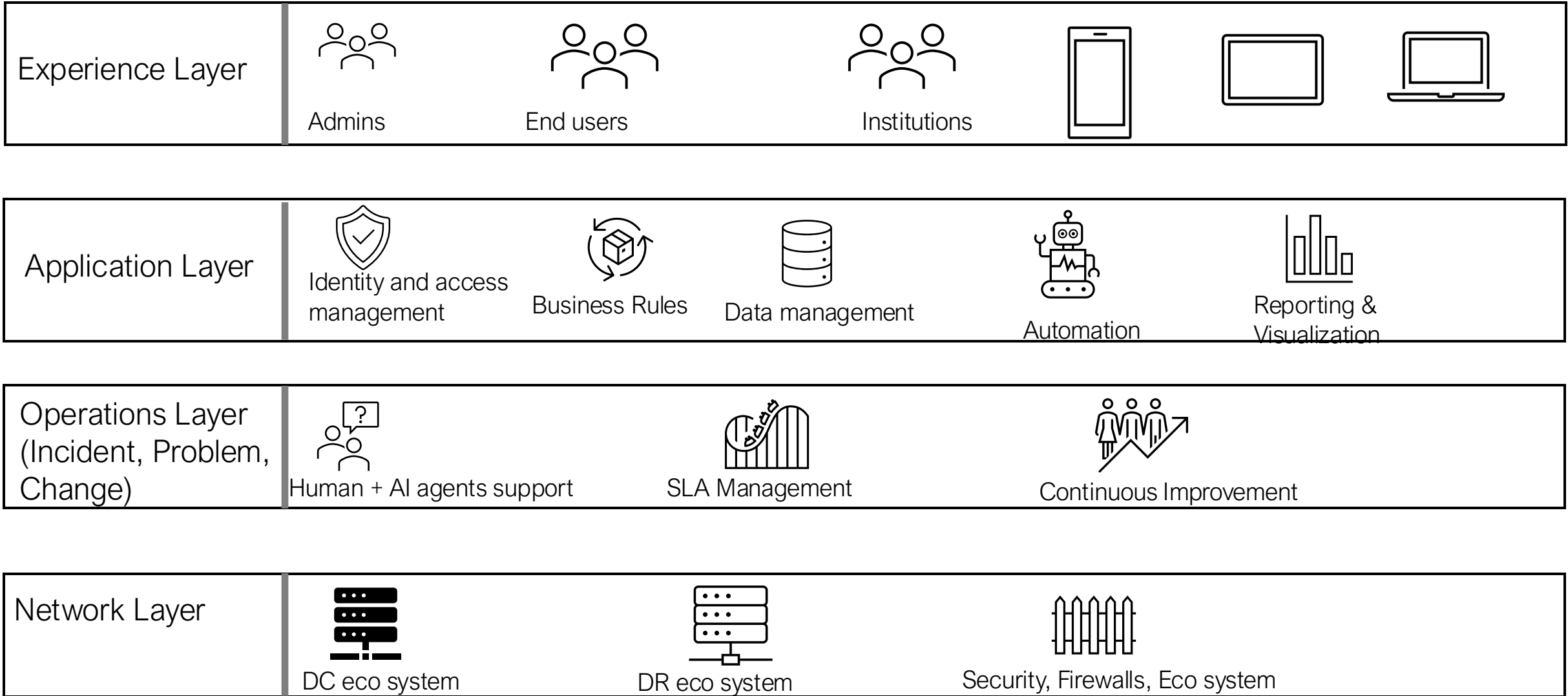
- An AI driven platform to be built to assess and rank the education institutions across the state of Tamil Nadu
- Highly responsive and intuitive UI based solution for the participating institutions to access and use them efficiently through Web, Tab and Mobile
- The solution should be hosted on MS Azure
- Highest level of security aspects to be in place considering the data privacy requirements
- Seamless integration with other government agencies/tools/platforms
- Intelligent automation and technology enabled operations, monitoring, auditing, and DevOPS to manage the platform
- A central data lake/data warehouse for enhanced analytics and business intelligence

Institution Rating platform – functional decomposition

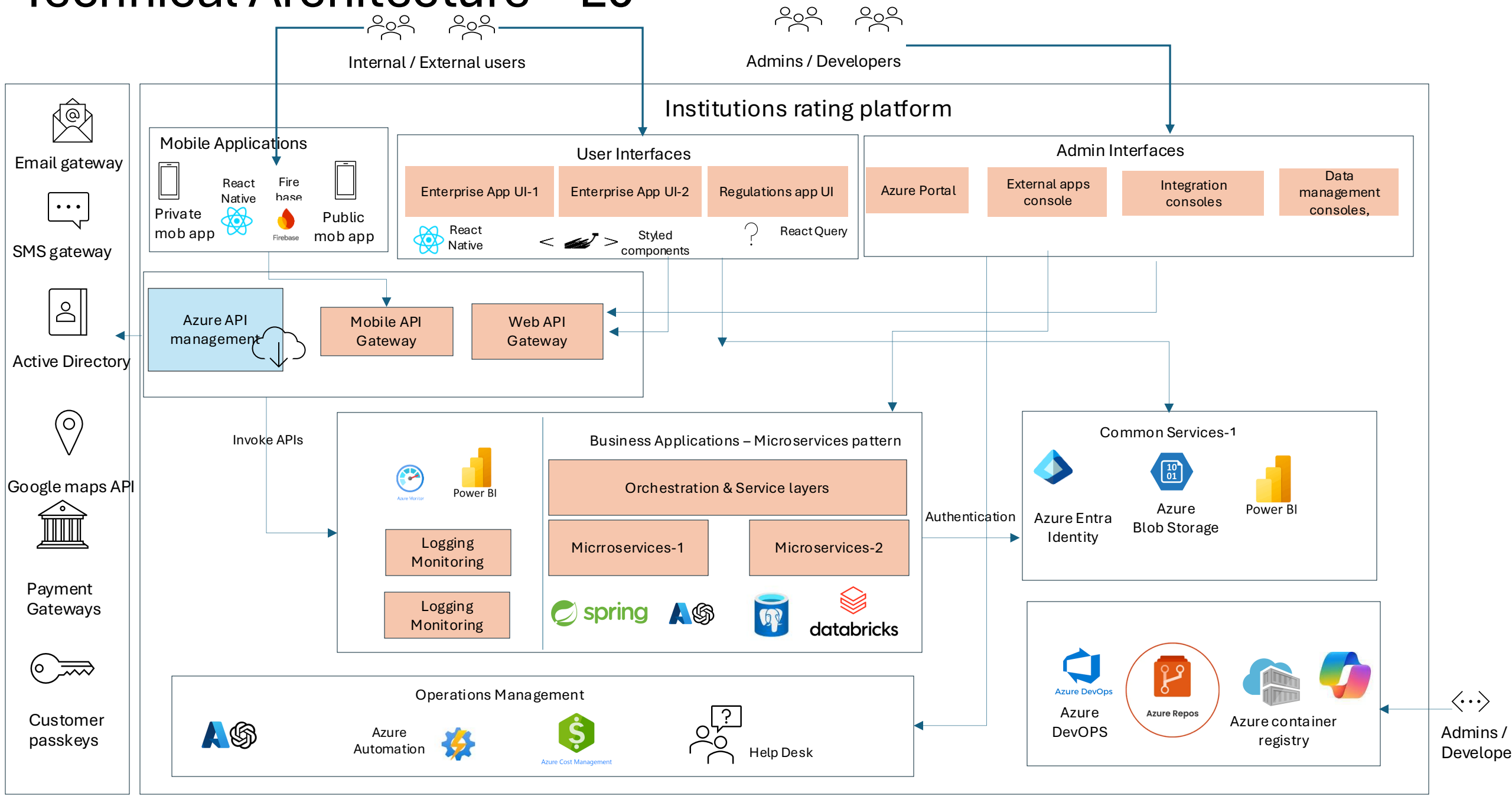
Primary Schools| Hr. / Hr. Sec schools | Technical Institutes |Universities | Autonomous Colleges | Management Schools | EdTech firms | ++



Application Architecture – L0



Technical Architecture – L0



Thank You