# Architecture requirements

## Access channel requirements

Students – Viewing marks

* Access to marks through either the web interface, browser clients,
* or through the application as mobile client.
* Need to be registered for the course.

Tutors/TA – Entering/Modifying marks

* Through the through either the web interface, browser clients,
* or through the application as mobile client.
* Need to be assigned as a TA/Tutor on the system.

Administators

* Through the web interface as browser as RESTful web clients.
* Must have authority

Database Administrators

* Through an SQL back-end.
* Requires credentials.

Mobile application and Web interface (Presentation Tier)

* Will use the CS server as the Logic-Tier.
* Will connect via Wi-Fi or Ethernet.

The CS server

* Will use the CS Database as well as the university’s student database as the Data-Tier