

Innovation Ascending



UDSM DHIS2 Lab's Integration of Angular and React

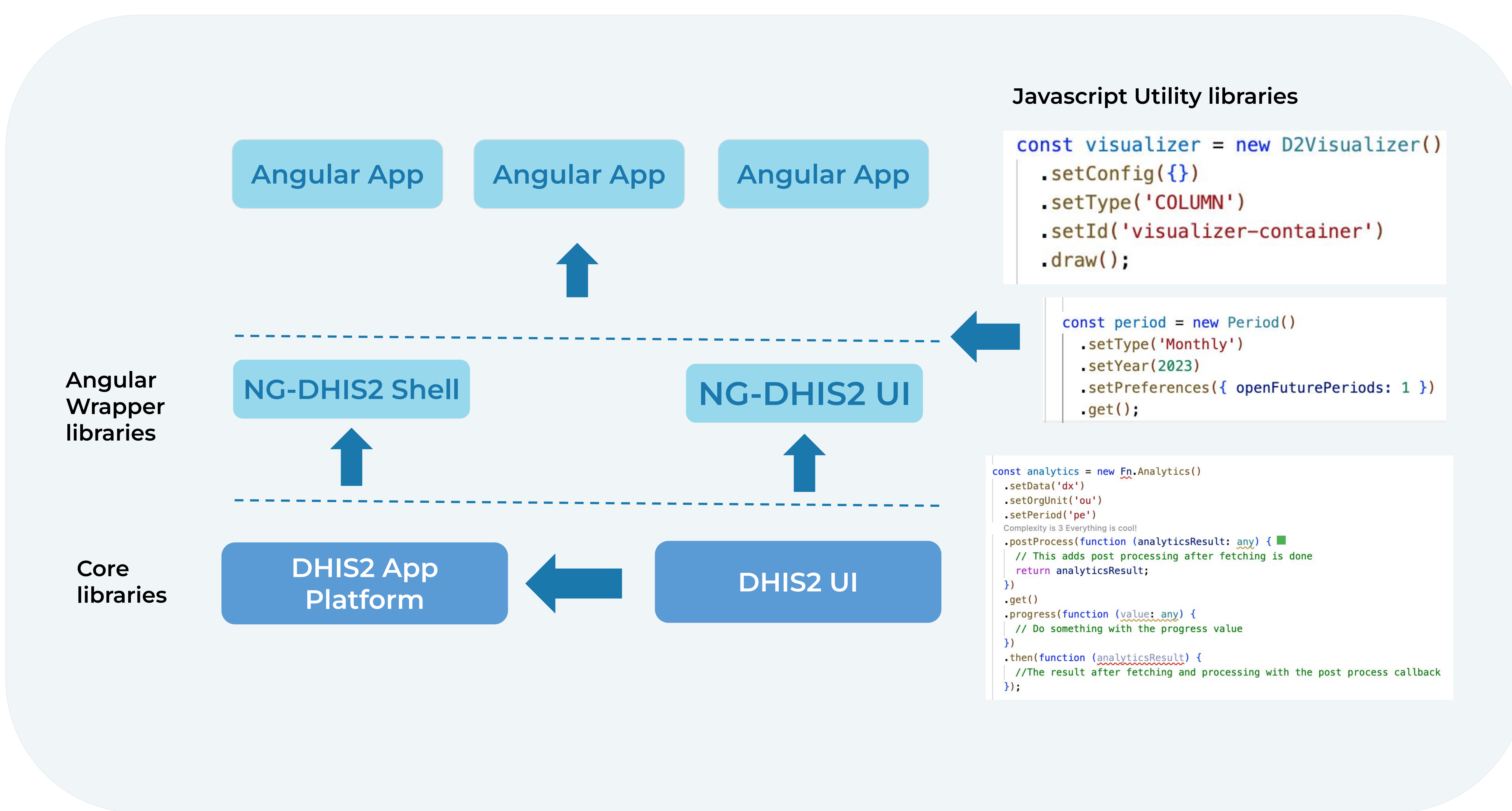
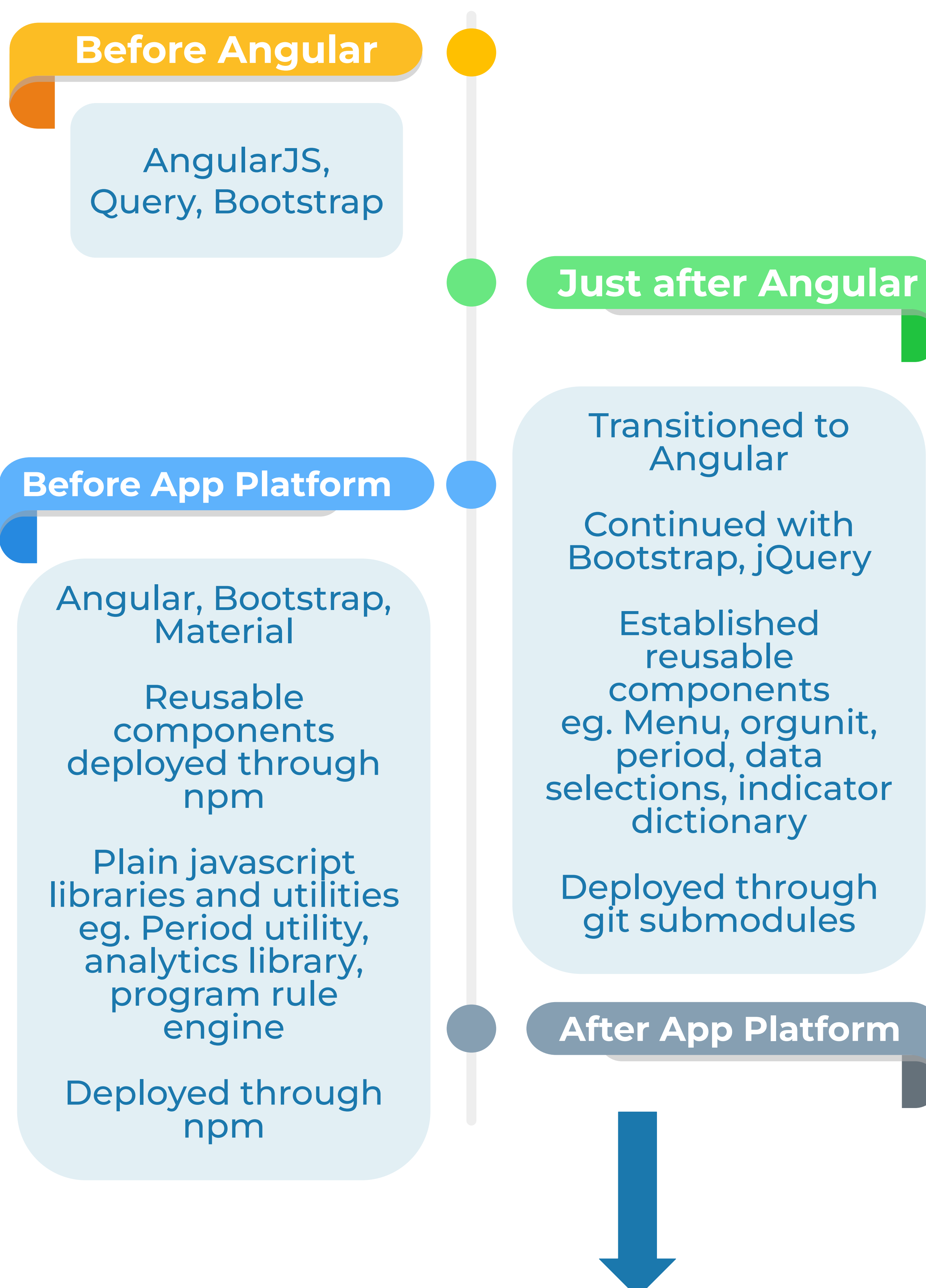
The UDSM DHIS2 Lab has played a crucial role in the DHIS2 community, consistently adapting its software development strategies to meet evolving standards. Overtime, the Lab has established an **Angular-based ecosystem** to simplify DHIS2 app development

A major challenge arose with the introduction of the DHIS2 App platform, which required the use of React-based tools, conflicting with the Lab's established Angular-based ecosystem. This created a dilemma between maintaining the existing infrastructure and integrating new technologies

Notably, the Lab lacked resources and time to;

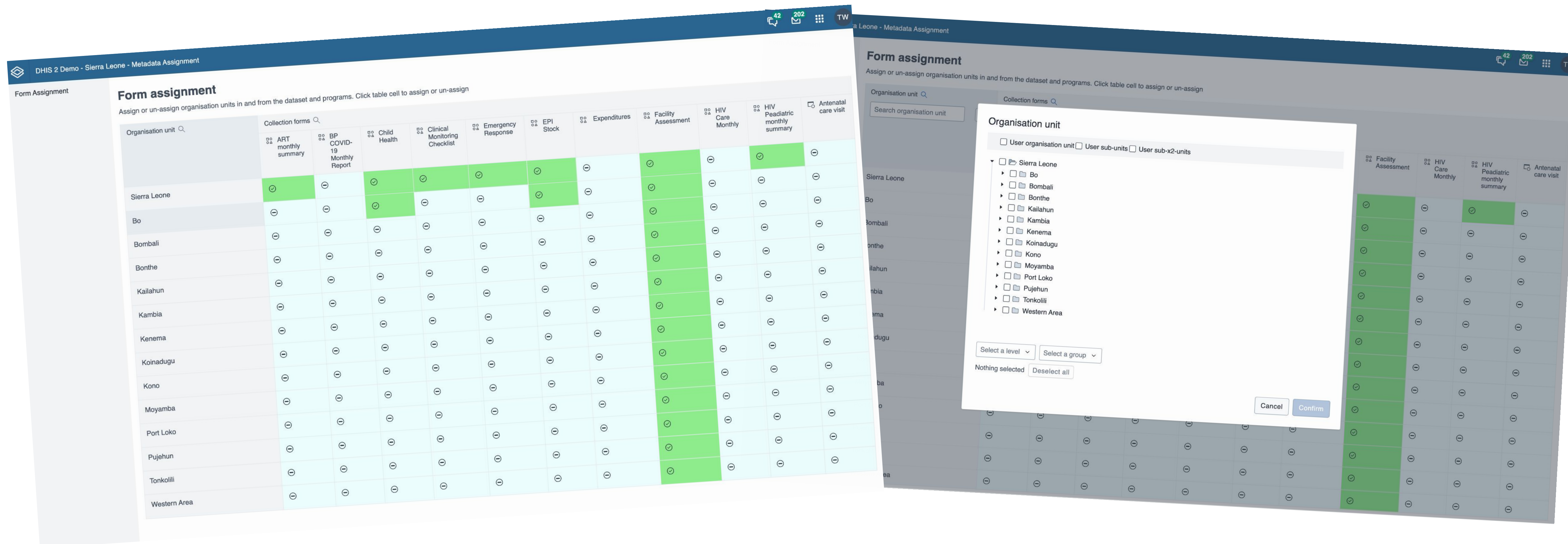
- ❖ Update or develop reusable components based on Angular
- ❖ Adopt new ecosystem and/or updating existing implementations

To address this, the Lab undertook a phased approach, initially updating its Angular components to align with the new design principles while retaining its framework.

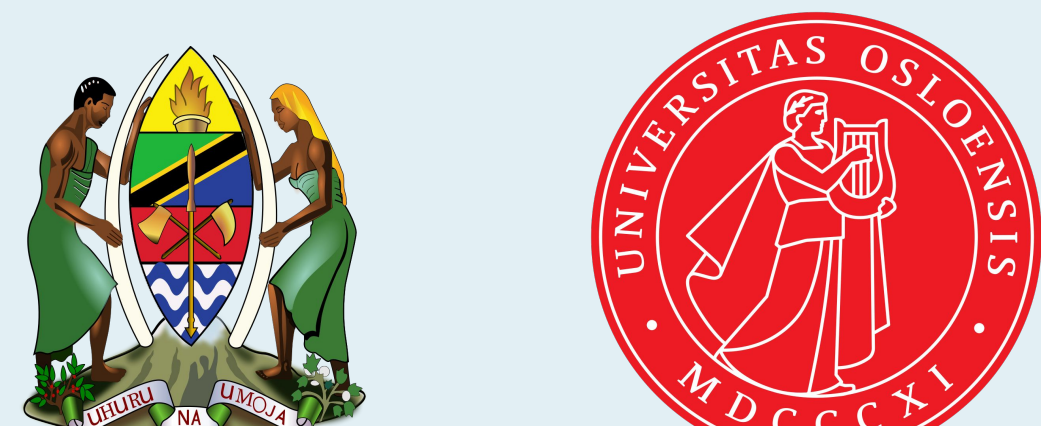


Results and Impacts

- ❖ Ensured gradual alignment with evolving DHIS2 standards.
- ❖ Maintained compatibility and adherence to DHIS2 development norms.
- ❖ Reduced setup time for developers.
- ❖ Promoted best practices in DHIS2 app development.
- ❖ Enabled contributions from developers with diverse technical backgrounds.
- ❖ Set a precedent for interoperability within the DHIS2 community



PARTNERS



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 For more information
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