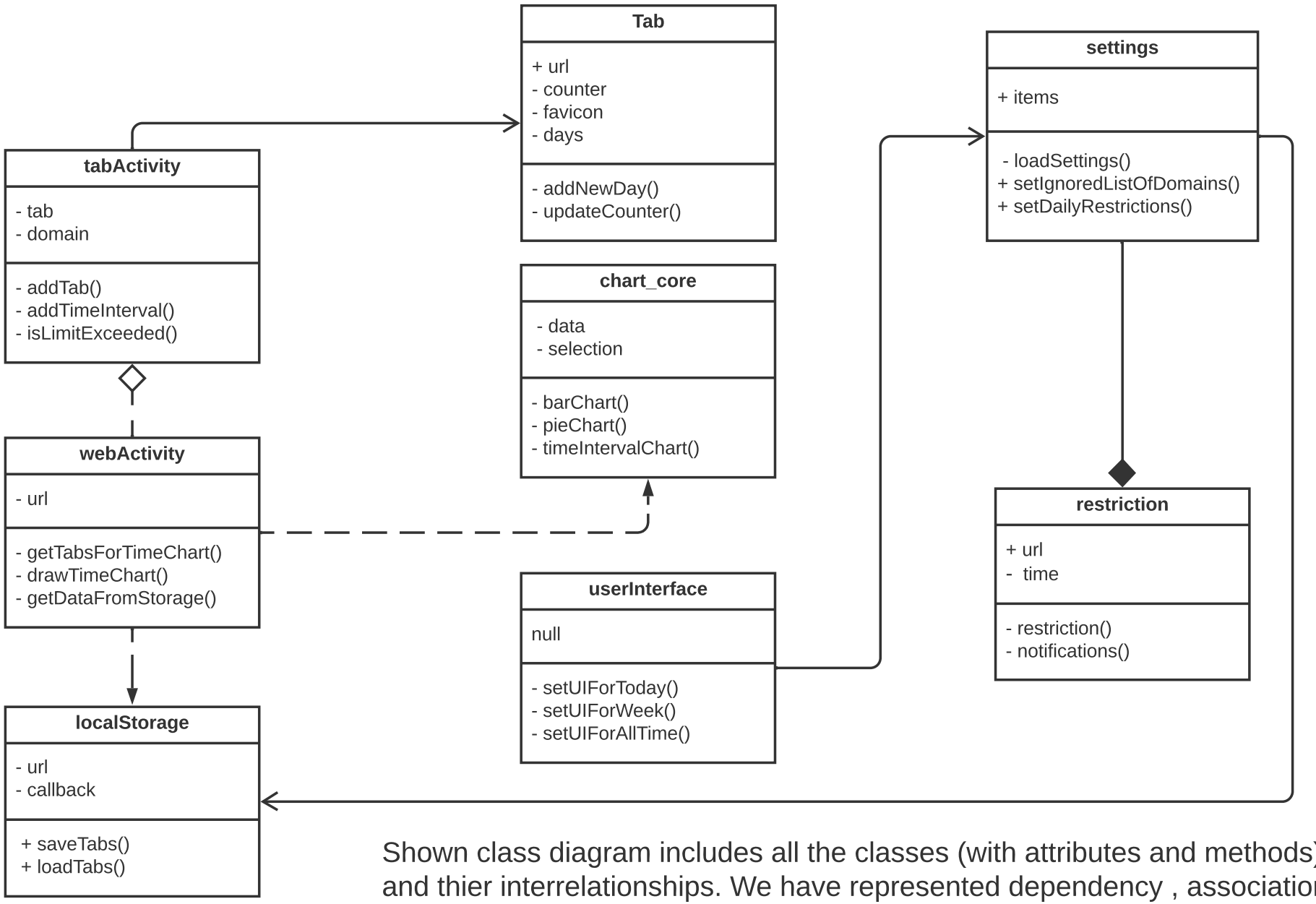
UML Class Diagram

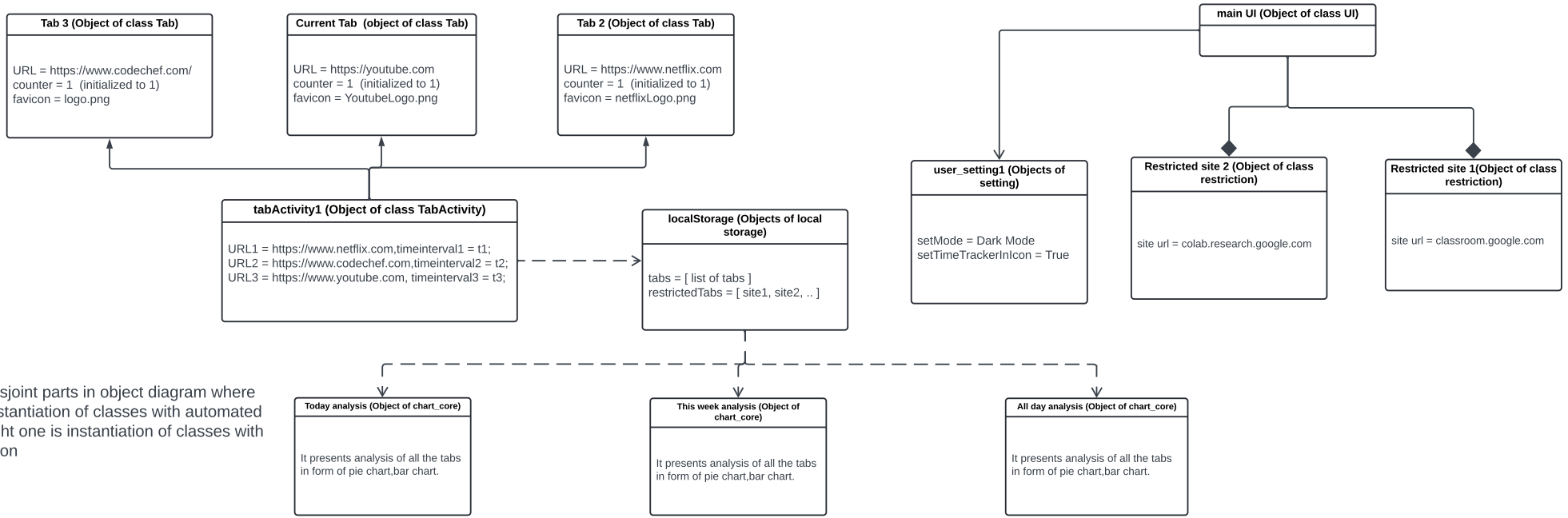
Dev Goel (B20CS090) Ravi Ramavat (B20CS053) | March 5, 2022



Shown class diagram includes all the classes (with attributes and methods) and thier interrelationships. We have represented dependency , association, directed association and aggregation using standard UML classs diagram arrow types.

UML Object Diagram

Ravi Ramavat (B20CS053) Ravi Ramavat (B20CS053) | March 5, 2022



There are two disjoint parts in object diagram where left one is the instantiation of classes with automated workings and right one is instantiation of classes with user customization

UML Deployment Diagram

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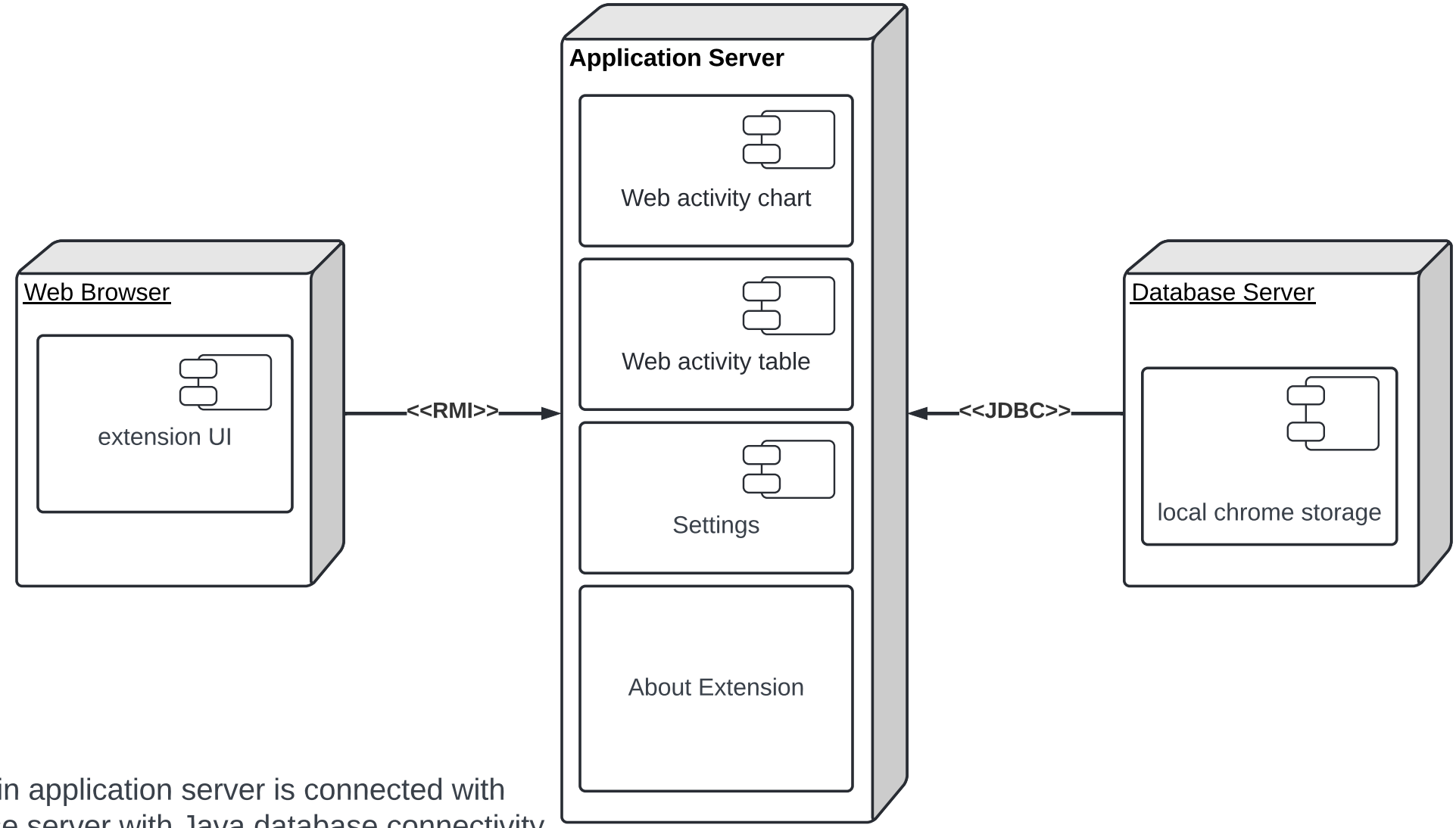

The main application server is connected with database server with Java database connectivity, on the other side it is also connected with web browser via Remote method invocation.

UML Package Diagram

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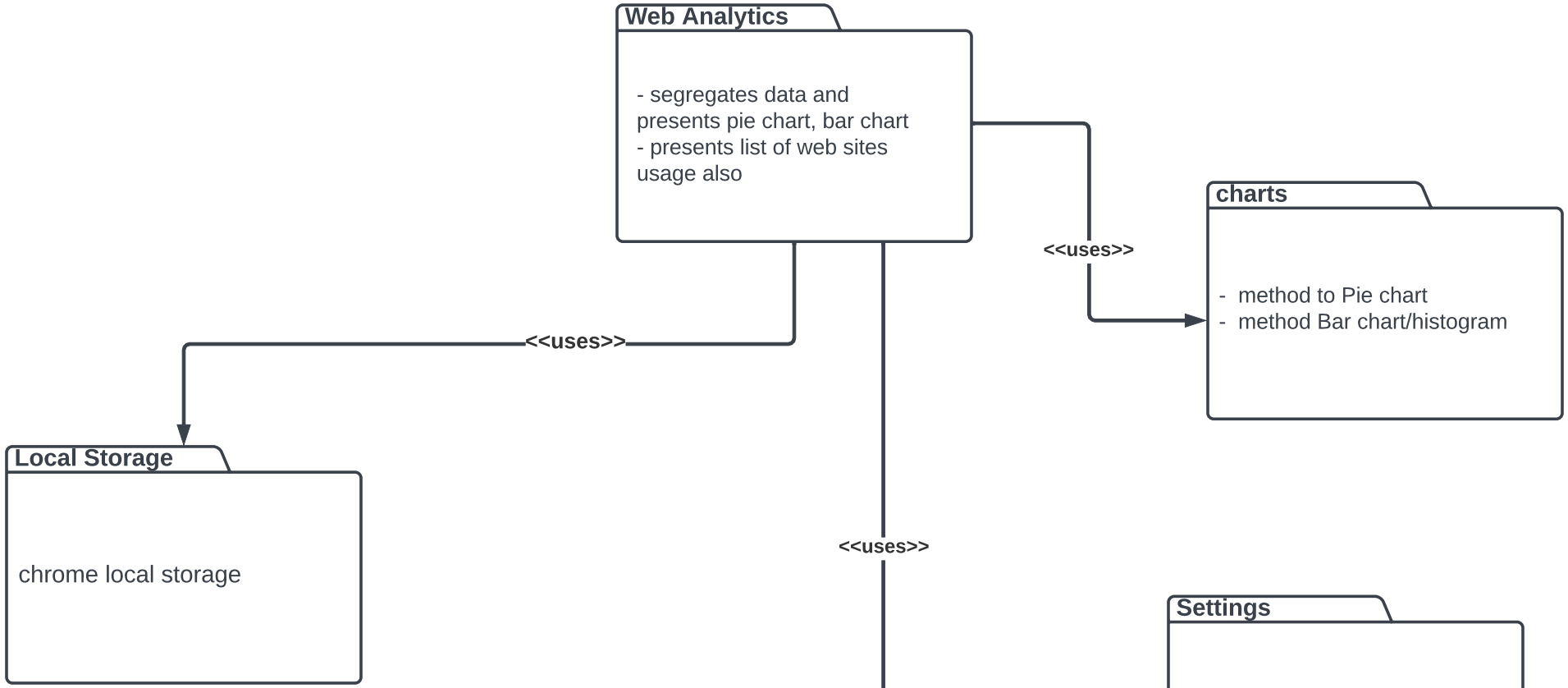

There are four packages in our project.
Web analytics,local storage,charts and settings.
Web analytics is our main package and it uses the data from local storage to prepare present analysis in form of pie chart,tables and bar chart by accesing the methods from charts package
Settings are for customization of the extension like themes, notifications, reminders etc.
These changes in settings are reflected in web analytics

UML Component Diagram

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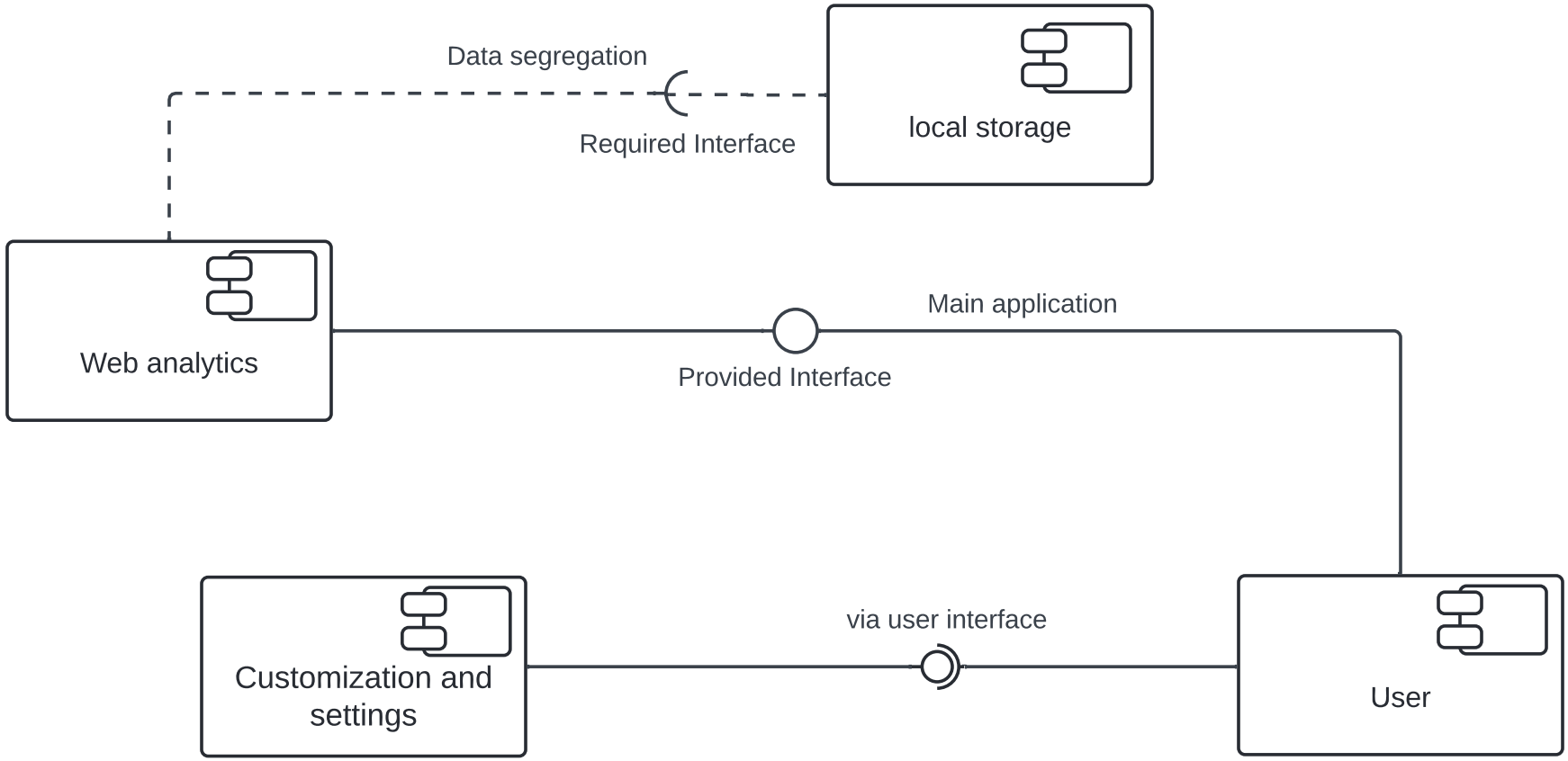

There are four components in our project.
Web analytics,local storage,User and settings.
Web analytics totally relies on local storage hence local storage is required interface for web analytics,web analytics are provided to the user and settings/customization is assembled by user.