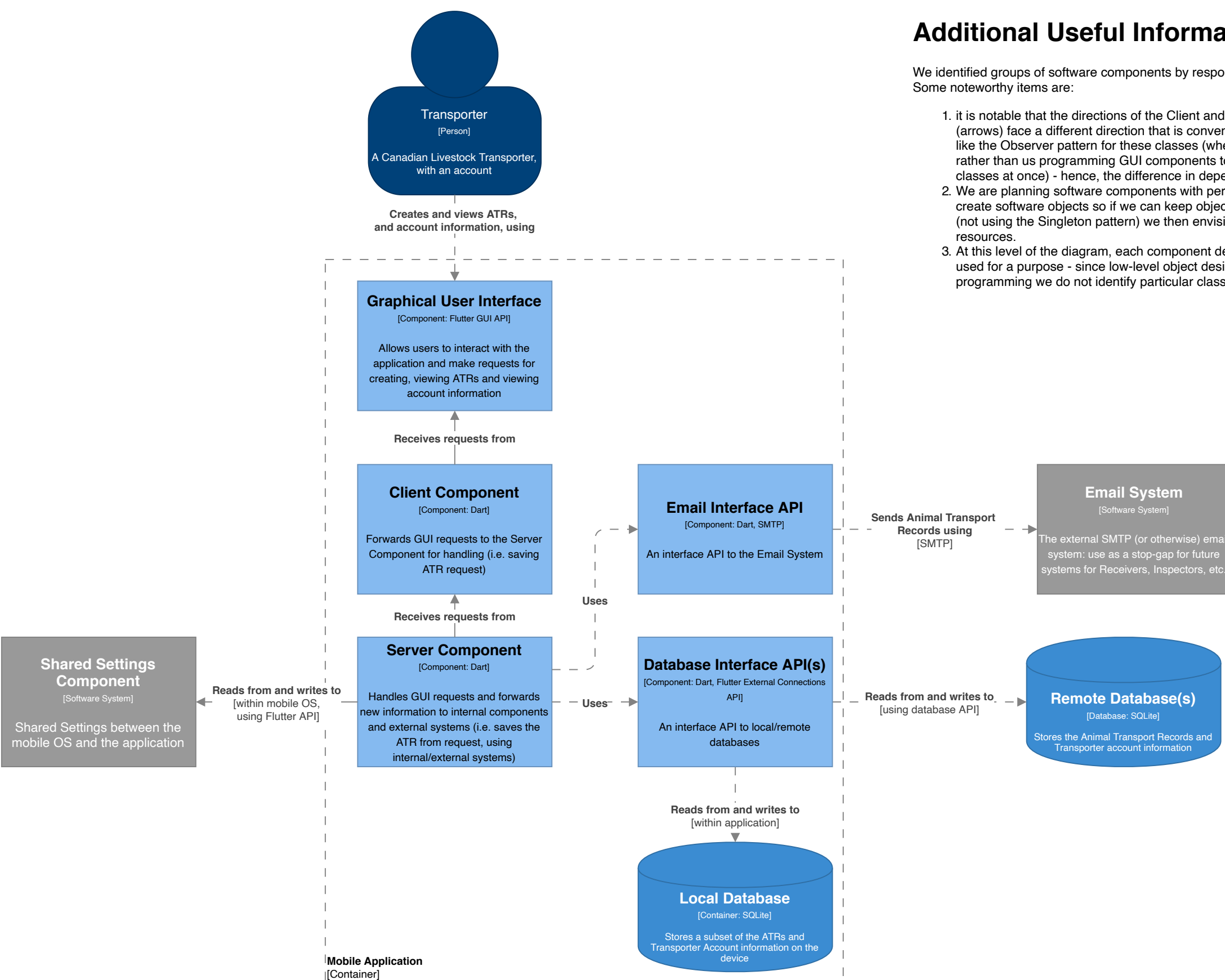


## Additional Useful Information

We identified groups of software components by responsibility for the mobile application. Some noteworthy items are:

1. it is notable that the directions of the Client and Server Component data flow items (arrows) face a different direction that is conventional: we intend to use something like the Observer pattern for these classes (where GUI updates are "listened" for rather than us programming GUI components to create/use/destroy several client classes at once) - hence, the difference in dependency
2. We are planning software components with persistence in mind: it takes time to create software objects so if we can keep objects alive as long as they are needed (not using the Singleton pattern) we then envision better use of mobile OS resources.
3. At this level of the diagram, each component describes groups of software objects used for a purpose - since low-level object design changes often when programming we do not identify particular classes.



### Component Diagram for the Mobile Application Container

Identifies the groups of software components in the Mobile Application, grouped by responsibility

Last Modified: December 12, 2020