**6.2.2 Elements To Be Integrated**

The TrackMe system consists of a number of components as already shown, and the integration process can be grouped for these components as follows:

* Integration of components with the DBMS
* Integration of components with the (other) external services
* Integration of the components of the application server
* Integration of the client (mobile application) and the application server

**Integration of components with the DBMS** - User uses AppService. AppService can be referred as the connection between the client and application server. AppServer is connected with Router inside the application server, which identifies the type of request that is made and decides the component that is needed to be used to perform the requested operation.

* LoginService, DBMS
* AccountService, DBMS
* RequestService, DBMS
* DataService, DBMS
* ResponseService, DBMS
* DataAcquisitionService, DBMS
* SosService, DBMS
* RunService, DBMS

**Integration of components with the (other) external services -** In this group, we cover the combination of every part of the TrackMe system with an already existing and functional external service (without counting the DBMS). They are the following ones:

* DataAcquisitionService, SmartDeviceExService
* SosService, HospitalExService
* RunService, MapExService

**Integration of the components of the application server** - Here, the integration between the parts of the application server is conducted. It is composed of:

* RequestService, DataService
* DataService, ResponseService
* DataService, DataAcquisitionService
* ResponseService, RunService
* ResponseService, SosService
* DataAcquisitionService, SosService
* DataAcquisitionService, RunService

**Integration of the client and the application server** - User can use all components offered by application service.