

## Project organization and phases

The EDA project will be divided in to a total of three phases. Each phase will be built on top of the previous and will rely on the tools and technologies covered in the class and the lab sessions.

At the beginning of each phase, we will give a description of the expected architecture and functionalities of the phase.

During **Phase 1**, you will conceptualize a location-based mobile application and present the overall design and architecture. You can present some mock-ups of the front end and discuss the technical specifications and parameters involved in your project to gain clarity.

During **Phase 2**, you will work on implementing the mobile application part (Android or iOS), i.e. implementing the front end. In addition, you will start getting familiarized with the matchmore API and check the functionality required for your project in particular.

During **Phase 3**, you will work on the back end of the project and get familiarized with Java DB, *Java Server Pages (JSP)*, the *Servlets* and the *Java Messaging Service (JMS)*. We will use Netbeans as a platform to implement these components.