This approach is classified as a goal-oriented solution which is designed for addressing the user’s goals not performing the user’s tasks. The goal is defined as the ﻿highest level objectives of the business, organization, or system in the objective hierarchy (Tschudnowsky, 2016). Each goal is achieved through number of corresponding actions and the yield results(Zarei and Gaedke, 2018). For instance, in the above scenario, “to find computer science master programs in Saxony” represents Jane’s high-level business goal, which can be realized by performing “search the higher course database with computer science and Saxony filters” action. This action leads to the list of universities list as the result.

The mapping between those functionalities and the operations offered by the web services in the repository will provide user with the set of best fitting web service candidates for the composition