

In this thesis, we will explore the possibilities of Solid technology and the use of Solid for application implementation. This application will be used to create mind maps and social networking for teachers and students. In order to do this, we will analyze the features of Solid for designing a social network application and its features and suitable use cases. Based on this analysis and user requirements, we will design the architecture along with the operations to make them convenient for the user. Next, we will learn about the concepts in Linked Data and analyze knowledge bases for use in our application. The result is implementing a proof-of-concept application that allows the intuitive creation of mind maps and their sharing within classes.