The goal of this work is to develop a tool for tracking and analysis of investment portfolios, with support for automatic financial data retrieval and highly customizable chart creation. In this thesis, we research existing investment tracking tools, comparing them based on their supported features. We also analyze different methodologies of evaluating performance of an investment. Following this, we develop a web application using ASP.NET and React.js allowing the user to import, track, and chart their investments. Financial data for tracked securities is automatically fetched from various data sources using a handcrafted library, which can be used for retrieval of any kind of data from different sources, while supporting easy addition or replacement of such sources. Finally, we evaluate the implemented application and suggest possible extensions and improvements.