This research discusses whether innovations in teaching methods can improve students' learning outcome. The curriculum design combines the technology media into the finance theory. In this new method, the students must learn how to operate financial database, filter better-performance stocks and create a smart phone APP that can link the filtering stocks data in the cloud automatically. There are 37 students who majored the "Investments" in the department of Finance participated in this plan. We utilize the questionnaires to investigate whether the students' understanding of investment strategies have been prompted after implementing this new way. It was found that their understandings about five investment strategies are significantly improved after accomplishing the implementation. Female students' understandings of investment strategies is significantly better than that of male students, and students with higher learning scores are also significantly better than those with lower scores. Furthermore, the comprehension of students are also improved significantly according the student self-assessments and teacher’s rating based on their replies. In the using experiences about financial database and mobile APP, most students are more familiar with financial database such as searching for the financial data, filtering better-performance stocks and being capable of accomplishing an smart phone APP.

Keywords: smart phone APP, investment decisions system, wisdom stock selecting