



香港城市大學  
City University of Hong Kong

## An eLearning Computer Programming Open Forum for Debugging Supporting System

**Project Number:** 6000167

**Principal Investigator:** Dr Joseph Shi Piu FONG

**Grant Type:** TDG

**Abstract:**

While students are studying computer programming, they have to handle programming style questions or assignments frequently. They are mostly facing similar programming difficulties. Some of them can resolve the problems but some cannot. As such, it can be treated as a peer-to-peer learning opportunity for all students to share their experiences and knowledge. As sharing and teaching is a good process in the entire learning life-cycle, that is, learn to teach and teach to learn, such sharing and assistance should be encouraged with credits based on the recommendations of the students who are assisted. An open forum can facilitate knowledge sharing, but there are no features for maintaining the trace of peer-to-peer assistance. Therefore, this project aims to facilitate the peer-to-peer activities with an award system.