Overview
With the advanced technology, tablet has become more and more popular electronic device and play an important role in our daily lives. A tablet is a multi-functional device, it can serves as a dish menu, book reader, a music instrument, internet browser and even a locator. We can make use of this technology to help the Autism children which have learning disability and communication disorder. To achieve the goal, we have designed an mobile application based on Picture Exchange Communication System (PECS) to improve their communication skills.

Aims and Objectives
To develop a mobile application on android platform, which incorporates the PECS to help disabled children to improve their communication skills.

To help the user in two ways:
1. Learn the ability to construct sentences
2. Communicate with others

Methodology
- Research and Data Collection
  We interview local special education school and review the existing project that based on PECS
- User Experience and Interface
  - Navigation button
  - Simple touch control
  - Clear and intuitive design
  - Picture and colorful design are used to strengthen their motivation and memorization.

System Block Diagram

Result
- Layout of the application
- Page of adding card

Conclusion
The feedback and comment from school are positive and conclusive. They thought the mobile application can be easily operated and the design is simple and straightforward layout design that it is very practical to have the PECS being implemented.

Also, they appreciated the design of having different colors on different categories. Nevertheless, There is still much for future development that would enhance the application and increase its functionality.