

MIT APP INVENTOR



COURSE DESCRIPTION

This course contains instructional methods on how to use the MIT App Inventor, an app development software that uses pre-built programming blocks, to create mobile applications.

GOALS

The major objective of this course is to aid students in understanding what components goes into creating an application and how to utilize them.

RESOURCES

MIT App Inventor website, Android phone

CLASS SCHEDULE

Assignments and projects will be demonstrated by students.

Asynchronous – Students can progress through the course at their own pace.

In-person – 1-hour sessions guided by an instructor.

LEARNING OUTCOMES

At the end of the course, the students are expected to gain understanding of the following topics.

1. Understand how to utilize the MIT App Inventor IDE and Blocks Editor.
2. Be adept at debugging and testing applications.
3. Performance optimization of apps.
4. Understand the MIT App Inventor components and its features.
5. Knowledge of how to launch an app through an app store.

GRADUATE ATTRIBUTES

1. Experience with development tools.
2. Attention to detail – precision in coding, debugging, and testing.
3. Adaptability – adjusting to project requirements.
4. Knowledge of app deployment.
5. User-centric thinking – be able to meet the end users need.