Concept Note

on

SEAMOLEC Regional Training in Online Mode **(RETRO)** Programme

A. Background

SEAMOLEC with 20 years of experience in developing of Open and Distance Learning since 1997 in Southeast Asian region consider that there is a need to foster 21st skills especially the **4C's S**kills: Creativity, Critical thinking, Collaboration, and Communication in teaching and learning process of schools in Southeast Asian region. One of the SEAMOLEC programs to support the implementation of 21st skills is Digital Class Development launched by SEAMEO Council President (the Minister of Education and Training of Vietnam) in SEAMOLEC on 2015.

The objectives of Digital Class Development are to develop and use the digital tools and content on teaching and learning. To enable schools and teachers from the region to develop digital class on online learning and multimedia/digital content, SEAMOLEC will conduct the online training for schools in Southeast Asia. The program is entitled "Regional Training in Online Mode (RETRO) Program. The platform of the RETRO is SEAMOLEC MOOC (Massive Open Online Course). In national program (Indonesia), the online training has conducted for several batches and training programs for more than 10.000 teachers as participants.

These activities will consist of 4 (four) batches training programs that delivered by fully online. SEAMOLEC experts will facilitate the online training for one month per training program.

B. Objectives

At the end of the training, the participants able to develop a digital class:

1. To develop games that can be used for the learning process in presenting the material for EduGame Training;
2. To develop application based on Android for Android Programming (Basic) Training.

C. Information about the Training

1. **Programs** : 1. GDevelop based Education Game
   2. Android Programming (Basic)
2. **Date/Batch** : May 1-31, 2017
   1. GDevelop based Education Game
   2. Android Programming (Basic)

3. **Strategy/Activities** : 1. **Asynchronous**: Contents, Discussion Forum, Assessments (MOOC Platform)
   2. **Synchronous** (Video Conference)

4. **Organizer** : SEAMOLEC (supported by SEAMEO Centre).

5. **Expected Outputs** : At the end of the training, it is expected that the training will get the following outputs:
   a. Storyboard, Assets, Logic, Event and Game (using Gdevelop)
   b. Android learning application for Android Programming (Basic) Training

6. **Participants** : The expected of this training will be participated by approximately 200 participants per training/batch, who are teachers under SEAMEO Centre school partner (Elementary, Junior High School, Senior High School, and Vocational School).

7. **Requirements** : The requirements of each training are as follows
   a. GDevelop based Education Game
   - personal computer or note book
   - headset
   - microphone
   - no less than 1 Mb/s internet connection
   - mouse
   - windows 7 (windows 10 is recommended)
   - 2 GB minimum memory (4 GB is recommended)
   - Video Graphic Adaptor (VGA) minimum 256 MB (512 MB is recommended)
   - Processor: Intel Pentium Core i3 or AMD a8 etc
   - Hard disk space: 10 GB free space

   b. Android Programming-Basic
   - the understanding of basic programming
   - the understanding of PHP, HTML, or Java
   - personal computer or note book
   - headset
   - microphone
   - microsoft® Windows® 7/8/10 (32- or 64-bit)
   - 4 GB RAM minimum, 8 GB RAM is preferable
   - 8 GB of available disk space minimum, 16 GB Recommended (500 MB for IDE + 1.5 GB for Android SDK and emulator system image)

8. **Language** : The training will be conducted in English.

9. **Official Website** : 1. The Platform: **mooc.seamolec.org**
2. Course Information and Registration: **etraining.seamolec.org/retro**

10. **Contact Person** : Ms. Zahrani Balqis
Email: etraining@seamolec.org & trainingteam@seamolec.org
Mobile: +62815-1007-4560