Multimedia appendix 3: Questionnaire of Intervention group (Adapt from original Questionnaire in Thai language)

General information
1. Age □ years
2. Sex □ Male □ Female
3. CPR member experienced
   □ case/month □ < 1 case/month
   □ < 1 case / 3 month □ never
   CPR leader experienced
   □ case/month □ < 1 case/month
   □ < 1 case / 3 month □ never
4. CPR confident before CPR training course
   1 2 3 4 5 6 7 8 9 10
   least ←→ the most
5. CPR confident after CPR training course
   1 2 3 4 5 6 7 8 9 10
   least ←→ the most
6. ALS training course satisfaction
   0 1 2 3 4 5 6 7 8 9 10
   least ←→ the most
7. Overall satisfaction with Resus Days application.
   0 1 2 3 4 5 6 7 8 9 10
   least ←→ the most
8. Resus Days application help to improve CPR knowledge?
   1 2 3 4 5 6 7 8 9 10
   Totally agree ←→ Totally disagree
   If agree, please give a reason
   ...........................................................................................................
   If dis agree, please give a reason
   ...........................................................................................................
9. Any suggestions for improving the game?
   ...........................................................................................................
10. Frequency of playing games online by smart phone?
    □ Every day □ Every 2-3 day □ every week □ < 1 time/month □ Never
Supplementary materials-4.2
Questionnaire of control group (adapt from original Questionnaire in Thai language)

General information
1. Age □ years
2. Sex □ Male □ Female
3. CPR member experienced
   □ case/month □ < 1 case /month
   □< 1 case / 3 month □ never
   CPR leader experienced
   □ case/month □ < 1 case /month
   □< 1 case / 3 month □ never
4. CPR confident before CPR training course
   1 2 3 4 5 6 7 8 9 10
   least  → the most
5. CPR confident after CPR training course
   1 2 3 4 5 6 7 8 9 10
   least  → the most
6. ALS training course satisfaction
   1 1 2 3 4 5 6 7 8 9 10
   least  → the most