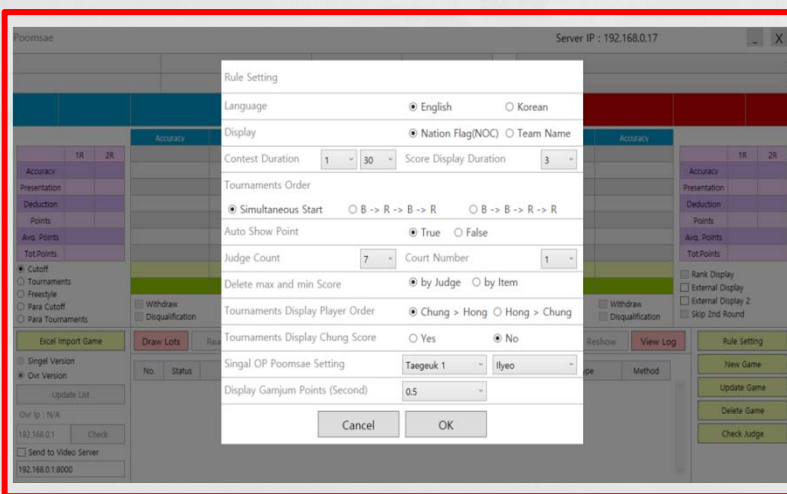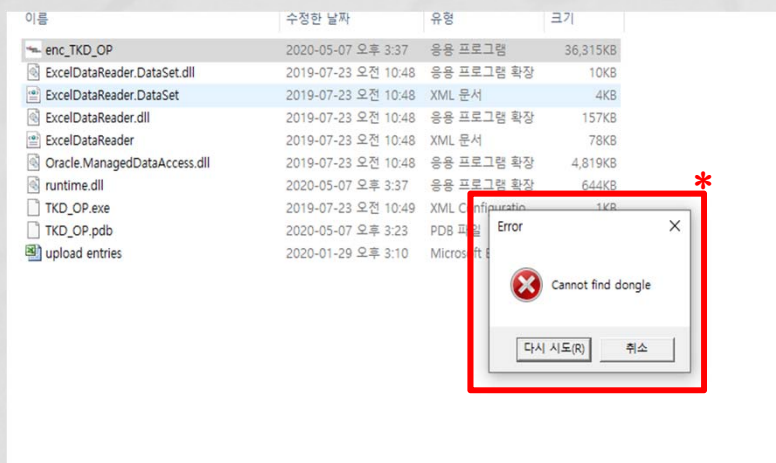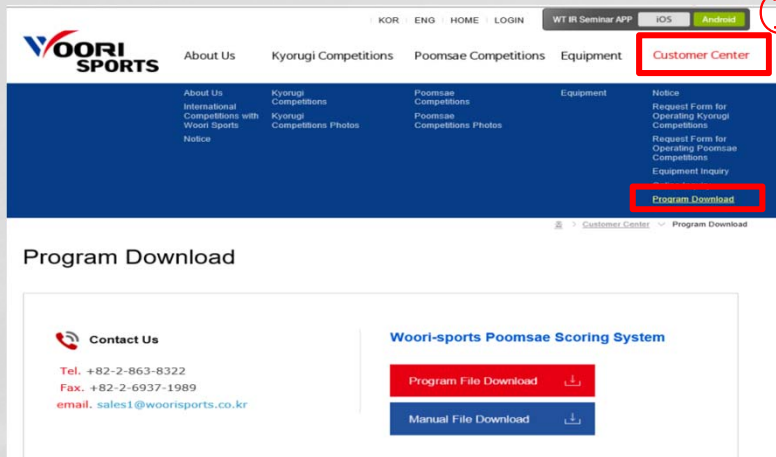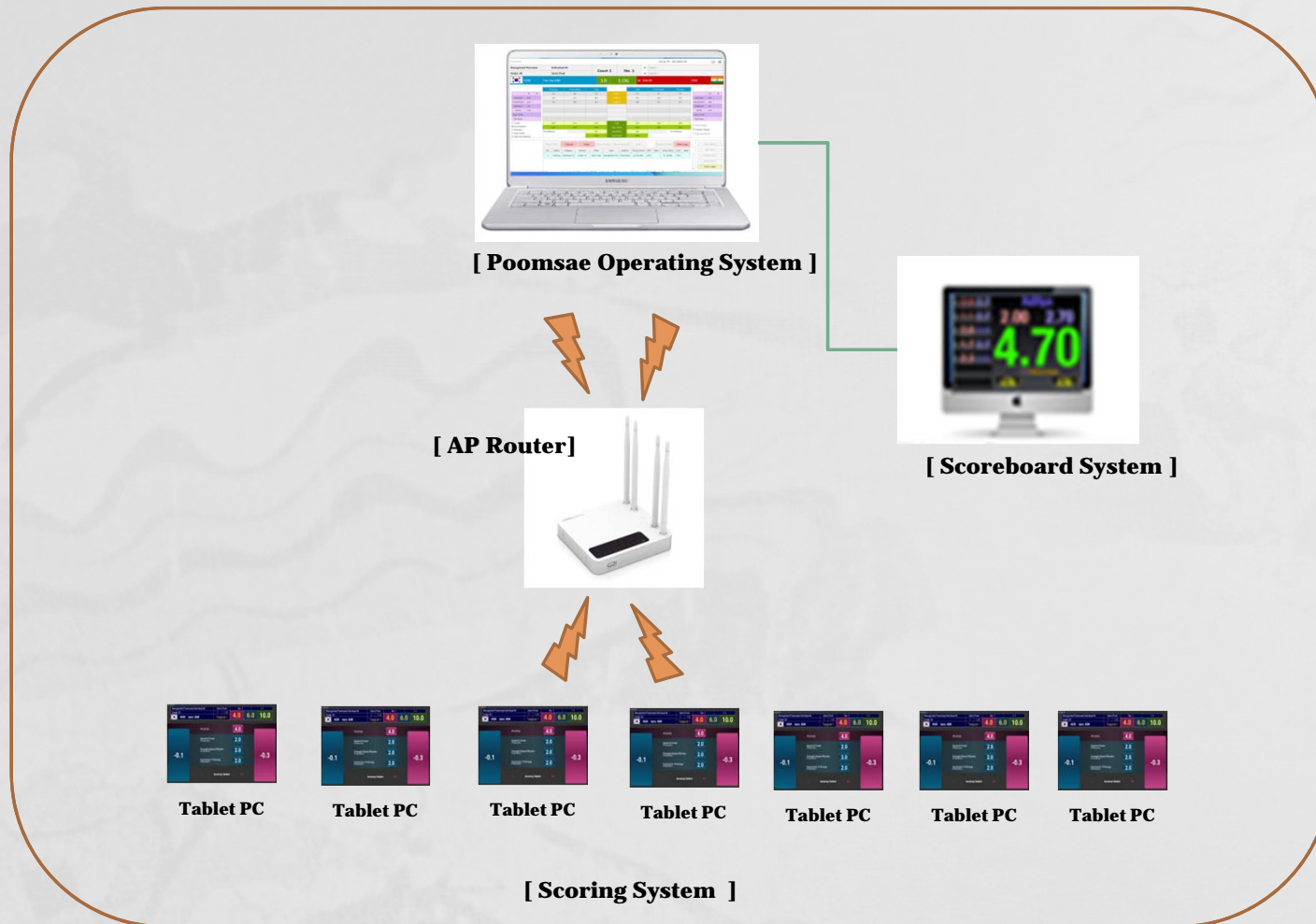# Woori-sports
Poomsae Scoring System Manual

1. How to execute

Description

① If you download the program on USB or on Woorisports website,
you can execute it right away without having to install another executable file.
② Plug the Rockey(donle) in the laptop before execute.
*If you don't plug the Rockey(dongle), which is sold by Woorisports, in the laptop you're using, an error window appears.
③ This is properly executed screen.

2. System Diagram

[Poomsae Operating System]

[AP Router]

[Scoreboard System]

Tablet PC   Tablet PC   Tablet PC   Tablet PC   Tablet PC   Tablet PC   Tablet PC

[Scoring System]

3. Execute TKD_OP

4. Operating System

Description

① Displays game and players' information.
② Displays a game score.
③ You can choose a type of Poomsae Competition.
④ You can operate a game by clicking buttons(Draw Lots, Start, Stop, Show Points, Next Round, End, Reshow Point, View Log)
⑤ Displays a game list.
⑥ Connects to a big screen. (both 'External Display' and 'External Display 2')
⑦ You can register/modify/delete the game and check rule settings and connection with judge's tablet.
⑧ Import the Game by Excel file.

5. Scoreboard System

Recognized Poomsae(Cut-off)
[Stand-by]

Recognized Poomsae(Cut-off)
[Scoring results of each judge]

Recognized Poomsae(Cut-off)
[Final Score]

Recognized Poomsae(Tournament)
[Stand-by]

Recognized Poomsae(Tournament)
[Scoring results of each judge]

Recognized Poomsae(Tournament)
[Final Score]

Freestyle Poomsae
[Stand-by]

Freestyle Poomsae
[Scoring results of each judge]

Freestyle Poomsae
[Final Score]

6. Scoring System

Recognized Poomsae
[Cut-off / Tournament – single]

Recognized Poomsae
[Chung-hong]

[Freestyle]

Para Competition
[Cut-off]

Para Competition
[Tournament – Chung-hong]

7. Operating System

Rule Setting

① Language	⦿ English ○ Korean
② Display	⦿ Nation Flag(NOC) ○ Team Name
③ Contest Duration	1 ⌄ 30 ⌄ Score Display Duration 3 ⌄

Tournaments Order

④ ⦿ Simultaneous Start   ○ B -> R -> B -> R   ○ B -> B -> R -> R

⑤ Auto Show Point	⦿ True ○ False
⑥ Judge Count	5 ⌄ Court Number 1 ⌄
⑦ Delete max and min Score	⦿ by Judge ○ by Item
⑧ Tournaments Display Player Order	⦿ Chung > Hong ○ Hong > Chung
⑨ Tournaments Display Chung Score	○ Yes ⦿ No
⑩ Singal OP Poomsae Setting	Taegeuk 1 ⌄ Ilyeo ⌄
⑪ Display Gamjum Points (Second)	0.5 ⌄

Cancel   OK

Description

① You can choose a language of the system.

② You can choose NOC or Team Name which you would like to display on the screen.

③ Contest Duration will be displayed on the screen. You can choose "Score Display Duration" as well.

④ You can choose Tournament game type.

⑤ If you choose "True", the results will be displayed automatically after all judges finish scoring. If "False", an operator should click "Show Point" manually.

⑥ You can set the number of judges. You can set the court number.

⑦ "by Judge" is the WT scoring calculation method. "by Item" is the KTA scoring calculation method.

⑧ Scoreboard position of Chung and Hong during tournament.

⑨ During One by one tournament, display first Chung's score 'yes', Or display same time 'no'

⑩ Range of Poomsae draw lots

⑪ You can choose the mark second of real time display for accuracy on the screen.

8. How to operate a game

Description

① If you click the [Draw Lots], randomly assigned within the range of Poomsae specified in the settings.
② You can connect to a screen by clicking a check box of the [External Display] and [External Display 2]
③ Click the [Ready]->[Start] button to start the game. (Ready / Cancel, Start / Stop)
　(Ready : Stand-by, Cancel : Cancel the game/ Stop : Stop the game , Start : Start the game)
④ You can put each judge's score manually.
　(If judges score with their tablet, the background color will change to yellow.)
⑤ After score display duration is finished, please click the [Next Round] button.
⑥ Click the [End] button after final results is displayed.
⑦ You can unselect the game.
⑧ You can display the score again.
⑨ You can see results of the previous game.

Description

① Choose a type of competition.
② Click the [New Game] button.
③ Put information of Game Setting, game info., and Players.
④ Cutoff, Freestyle : Player 1(Chung) / Tournaments : Both Player 1(Chung) and Player 2(Hong)
 ***If you don't put players' names in the boxes and click [OK], they will be displayed "Chung" and "Hong" on the screen.

8-2. How to operate a game – New Game Input by Excel file

Description

① To register the whole player list by Excel file at once, not register the each player, click the [Excel Import Game].

8-2. How to operate a game – New Game Input by Excel file

enc_TKD_OP.exe	2020-05-07 오후...	응용 프로그램	36,315KB
ExcelDataReader.DataSet.dll	2019-07-23 오전...	응용 프로그램 확장	10KB
ExcelDataReader.DataSet.xml	2019-07-23 오전...	XML 문서	4KB
ExcelDataReader.dll	2019-07-23 오전...	응용 프로그램 확장	157KB
ExcelDataReader.xml	2019-07-23 오전...	XML 문서	78KB
Oracle.ManagedDataAccess.dll	2019-07-23 오전...	응용 프로그램 확장	4,819KB
runtime.dll	2020-05-07 오후...	응용 프로그램 확장	644KB
TKD_OP.exe.config	2019-07-23 오전...	XML Configuratio...	1KB
TKD_OP.pdb	2020-05-07 오후...	PDB 파일	472KB
① upload entries.xls	2020-01-29 오후...	Microsoft Excel 9...	37KB

Description

① Before you can register a player list in [Excel Import Game], you must enter the player list in Excel at the bottom of executable file.
The file extension for upload entries must be [xls] . If the name is another extension, an error occurs.

8-2. How to operate a game – New Game Input by Excel file

Description

① Red ① means Game method, and you must enter the number of Poomsae Game method, which is in green ⑥ zone.

② Red ② means the court number, and you can register 1 to 10 courts like brown ⑧.

③ Red ③ means the number of the game.

④ Red ④ means the round of game and can be set in 1 or 2 rounds like brown ⑦.

⑤ Red ⑤ means the information of the game, which is diplayed on the screen when the game progresses.
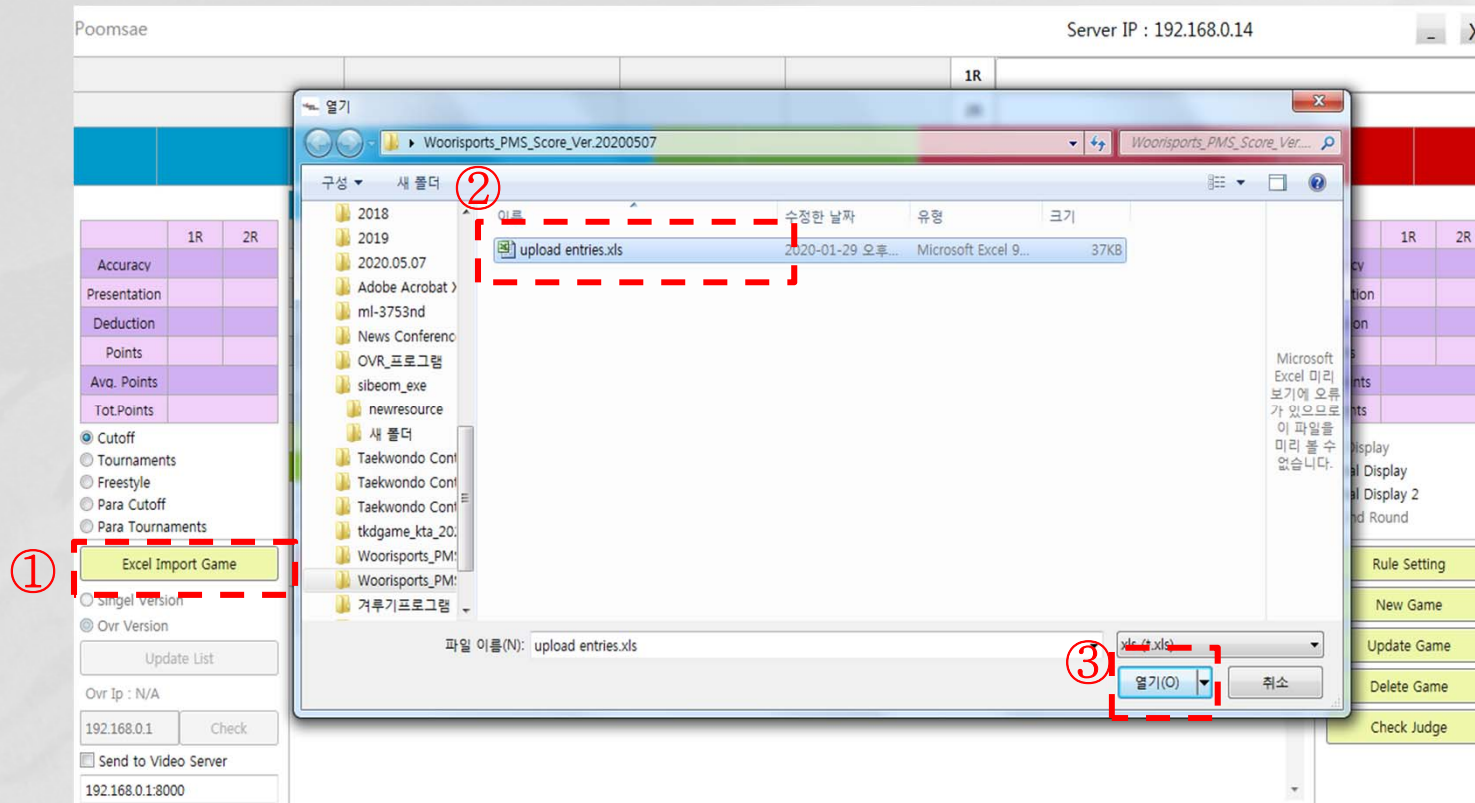
Description

① Save the Excel entry file, then click [Excel Import Game].
② Click once on the Excel file you worked on.
*** If you can't see the 'upload entries' file, make sure that the 'upload entries' file in the executable has the extension [xls].
③ Verify that the extension is [xls], then click [Enter] or [Open].

8-2. How to operate a game – New Game Input by Excel file

Description

① This is the OP screen where the game came in.

8-3. How to operate a game – Buttons

| Draw Lots | ② Ready | ③ Start | ④ Show Points | ⑤ Next Round | ⑥ End | ⑦ Unselect | ⑧ Reshow | ⑨ View Log |

Ready / Cancel   Start / Stop

No.	Status	Name	NOC	Category	Division	Phase	Team	Type	Method
1	Ready	Player. KIM	KOR	Poomsae Test	Under 20	R16		Individual M	Cutoff
1	Ready	Player. Park	KOR	Poomsae Test	Under 20	R16		Individual F	Cutoff

① (marker to the left of the Player. Park row)

Description

① Click the game in a game list.
② If you click the [Ready] button, the screen and scoring tablet screen will change and the [Start] button will be activated.
③ Click the [Start] button to start the game. (Judges can score on their tablet.)
④ If the [Auto Show Point] is "True", the score will be displayed automatically, and if "False", click the [Show Point] button to display the score manually.
⑤ If it is 2-round game, click the [Next Round] button after finishing the first round.
⑥ Click the [End] button after the game is finished.
⑦ If you want to change the setting of the game, click the [Unselect].
⑧ You can display the results on the screen again.
⑨ You can see results of the previous game.

8-4. How to operate a game – Manual scoring

Description

① Click the [judge] button.
  (If judges score with their tablet, the background color will change to yellow.)
② Choose a score and click the [Ok] button.

Description

① If you click the checkbox of the [External Display], game information will be displayed on the screen.
   If you click the checkbox of the [External Display 2], real time accuracy will be displayed on the screen.
② You can move the screen by dragging its upper side and change the size by double-clicking it.
③ If scoring tablets are connected to the operating tablet, the color of the judge numbers will change to green.
   **If judges score with their tablet, the background color will change to yellow.

8-6. How to operate a game – View Log

Description

① You can see results of the previous game.

8-6. How to operate a game – View Log

GAME RESULT

TIME : 2020-05-09 10:13:29

Court	No.	Game method	Type	Category	Division	Phase	End Time
Noc (Chung)	Team (Chung)	Name (Chung)	Noc (Hong)	Team (Hong)	Name (Hong)	Result	
*1R (Chung) (A/ P/ D/ Avg/ Tot)	*2R (Chung) (A/ P/ D/ Avg/ Tot)	**Total (Chung) (A/ P/ D/ Avg/ Tot)	*1R (Hong) (A/ P/ D/ Avg/ Tot)	*2R (Hong) (A/ P/ D/ Avg/ Tot)	**Total (Hong) (A/ P/ D/ Avg/ Tot)		
1R J1(Chung)	1R J2(Chung)	1R J3(Chung)	1R J4(Chung)	1R J5(Chung)	1R J6(Chung)	1R J7 (Chung)	
2R J1(Chung)	2R J2(Chung)	2R J3(Chung)	2R J4(Chung)	2R J5(Chung)	2R J6(Chung)	2R J7 (Chung)	
1R J1(Hong)	1R J2(Hong)	1R J3(Hong)	1R J4(Hong)	1R J5(Hong)	1R J6(Hong)	1R J7(Hong)	
2R J1(Hong)	2R J2(Hong)	2R J3(Hong)	2R J4(Hong)	2R J5(Hong)	2R J6(Hong)	2R J7(Hong)	

①

1	1,1	Cutoff	Recognized Poomsea	Individual Male	Under 30	SF	20200509101329
KOR	KOR	Kim DD				End	
3.300 / 4.266 / 0.0 / 7.566 / 37.9	3.400 / 3.933 / 0.0 / 7.333 / 36.2	3.350 / 4.099 / 0.0 / 7.449 / 74.1					
32 / 14 / 15 / 15	33 / 13 / 14 / 16	33 / 15 / 15 / 13	34 / 13 / 14 / 15	33 / 14 / 14 / 14			
32 / 13 / 13 / 12	33 / 12 / 12 / 10	35 / 14 / 13 / 13	35 / 14 / 13 / 13	34 / 14 / 13 / 14			

②

Description

① The red box is an example.
② Please note that the first decimal point is omitted.
   **ex) 32/14/15/15 -> 3.2/1.4/1.5/1.5

9. How to operate a game – Scoring
(Recognized Poomsae / Freestyle)

Recognized Poomsae
[Cut-off / Tournament - Single]

Recognized Poomsae
[Tournament Chung-hong]

[Freestyle]

Description

① You can deduct an accuracy score by tap the [-0.1] or [-0.3] button during the Poomsae competition.
② You can cancel the Accuracy score by tap [X] at the bottom.
③ You can put the presentation score by tap any of one in box ③.
④ Send the final score to the OP laptop.

10. How to operate a game – para scoring

Para Competition
[Cut-off]

Para Competition
[Tournament]

Description

① Tap any of one in box ⓐ and ⓑ to score.
② After scoring all categories, send it to the OP laptop.

Thank you.