TacTalk

Tactical Voice Recognition Analysis

User Evaluation
Documentation

Note: No sensitive or personal data was collected about any of the test users for our evaluation.

Name: Test user 1

Play/watch Gaelic Football: Yes/Yes

Quiz Score: 9/10

Documentation read time: 2 minutes

Recording Notes:

- Start game missed.
- Correct use of Attack 45.
- Correct game event structure
- Kickout positioning used correctly
- Turnover possession used correctly
- Passing used correctly
- Position marked after player number.
- Kickout turnover incorrect (switching team possession for kickout)
- Kickout won (marked when kickout was won)
- Turnover free confusion.

Total recording time: 4 minutes

Additional Notes:

- Easy to use while watching the match.
- Take time to know the structure.

User test 2

Name: Test user 2

Play/watch Gaelic Football: Yes/Yes

Quiz Score: 10/10

Documentation read time: 2 minutes

Recording Notes:

- Start game missed.
- Kickout turnover possession missed.
- Attack 45 used correctly.
- Turnover missed.
- Game event structure picked up.
- Position used after the outcome.
- Kickout position marked correctly.
- Using pass sometimes.
- "Number 11" used instead of "Player 11".

Total recording time: 4 minutes

Additional notes:

- Easy to understand the vocabulary.
- The words are common GAA terminology.
- Easy to catch on how to use the vocabulary structure.

Name: Test user 3

Play/watch Gaelic Football: No/No

Quiz Score: 5/10

Documentation read time: 5 minutes.

Recording Notes:

Initially, the user has trouble identifying when to say a keyword, but after 5 minutes user seems to catch up with the pace and annotating about 70% of the time when an event happens. Annotating the position still proves to be difficult as the user does not watch or play Gaelic football, possibly will require 3–5 more matches to get used to the position keywords. User also occasionally use improvised keywords, such as "Blue get possession" instead of "blue possession".

Total recording time: 35 minutes

User test 4

Name: Test user 4

Play/watch Gaelic Football: Yes/yes

Quiz Score: 10/10

Documentation read time: 2 mins

Recording Notes:

 (unavailable for recording)

Total recording time: 0 mins

Additional Notes:

- Straight forward documentation.
- Slightly confused with the use case: Attack 45
- Vocabulary common terminology.

User test 5

Name: Test user 5

Play/watch Gaelic Football: Yes/Yes

Quiz Score: 4/10

Documentation read time: 6 Minutes

Recording Notes:

Mixed up the structure halfway through without noticing.

Used some words and expected them to be included such as jump, header.

Was using filler words that might have interfered with the app.

In the case he forgot the term he would stop and try think of the word he then could miss the play.

Total recording time: *35 minutes*

User test 6

Name: Test user 6

Play/watch Gaelic Football: Yes/Yes

Quiz Score: 9/10

Documentation read time: 2 minutes

Recording Notes:

- Start game missed.
- Attack 45 missed but used "attacking" instead throughout recording.
- Game event structure correct.
- Turnover kickout possession missed.
- Turnover during play picked up.
- Shot position confused.
- Free marked.
- "Player" referenced only by number not "Player (number)".
- Missed shot confusion when the shot outcome fell short resulting in a turnover.
- Kickout position location confusion.
- Automatically swapping possession after outcome.

Total time recorded: 35 mins

Additional notes:

- Own Goal possession. What if the team scores an own goal?

- An enjoyable process.
- Didn't find annotating the match tiresome.
- Collecting basic statistics easily has a lot of potential.
- GPS tracking systems don't pick up shots, free's, attacks etc.
- Basic, easy to use, common vocab terminology.
- Kickouts won/lost would be an important stat.
- Vocabulary collected game events effectively.
- Easy to keep up with the game.
- Comfortable while annotating.
- Natural phrases every GAA person would be accustomed to using.
- The structure became automatic.
- Include a key word to bookmark a game event to reference it later using a timestamp – mark key plays.
- Position for attacking and defending confusing, could be improved.

User test 7

Name: Test user 7

Play/watch Gaelic Football: No/No

Quiz Score: 6/10

Documentation read time: 11 minutes

Recording Notes:

Liked the recording page UI design.

Found it easy to know how to record.

Questioned whether a user could repeat the word if they made a mistake.

Found the longer recording tiresome and uninteresting.

Total recording time: 20 minutes

User test 8

Name: Test user 8

Play/watch Gaelic Football: No/No

Quiz Score: 8/10

Documentation read time: 3 minutes

Recording Notes:

5 minutes Recording

Saying kick instead of kick pass

Saying number 14 instead of just 14

Said team colour & possession for most events e.g. handpass blue possession

Used optional position statistics throughout

Got stuck what to say a few times early on – got better over the course of the 5 minutes.

Additional Notes:

Key words were concise.

Felt they were easy key word to pick up