Smart MTBO goes with NaviTabi
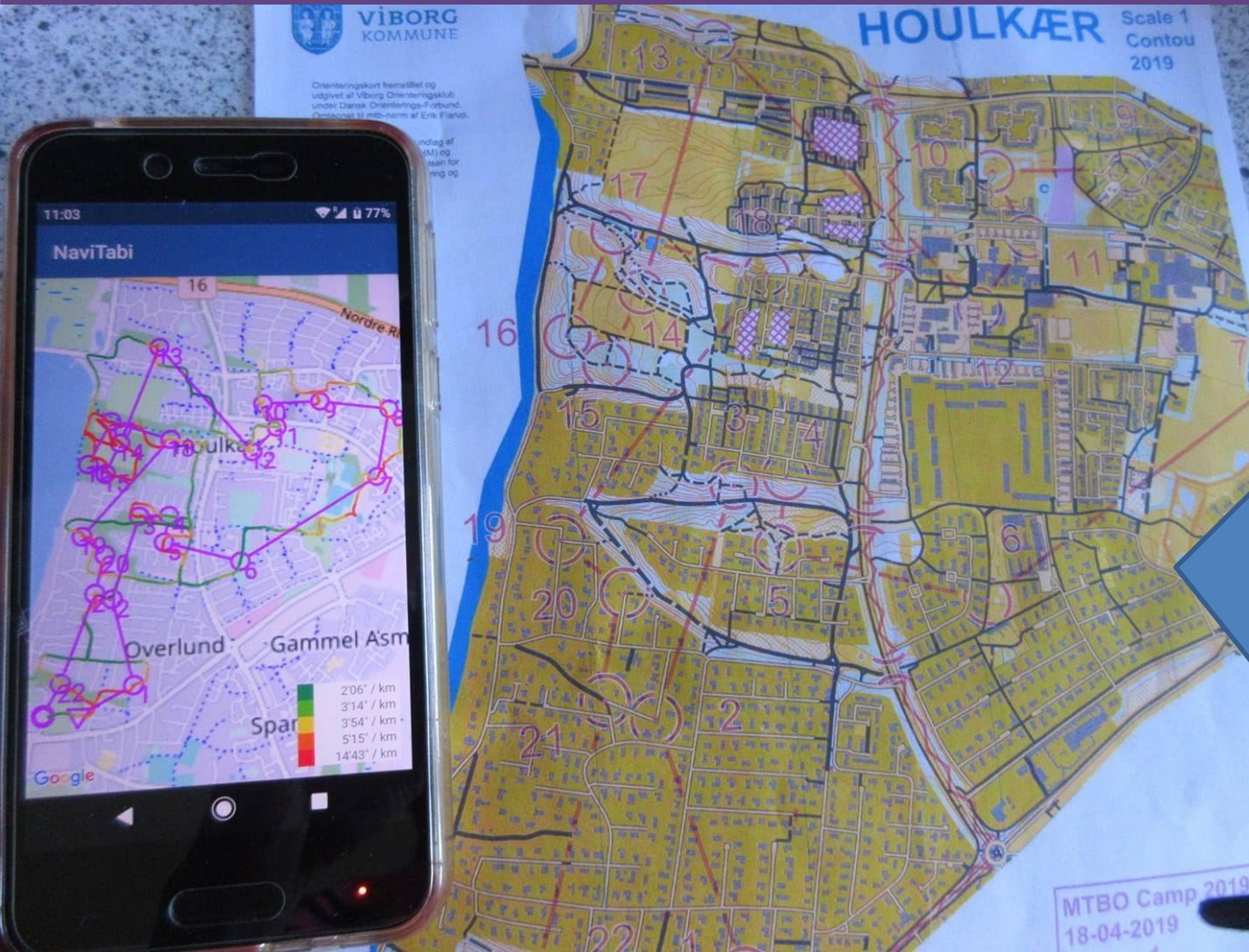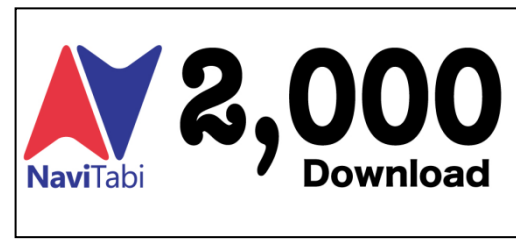
NaviTabi TIPS

- This documentation - TIPS

- English Manual (iOS display)

- Presentation at WMTBOC 2019

NaviTabi TIPS

- This documentation helps you better understand NaviTabi and allows you to use the app appropriately.

- NaviTabi for Smart MTBO is currently updating frequently to work out all significant issues, and we welcome your feedback.

- TIPS for competitor as well as for the organizer.

TIPS For Competitor

- ## Currently, quick manual is available below:
  https://navitabi.co.jp/wp-content/uploads/2019/07/QuickGuide_en.pdf
  (Note that the manual is not Smart MTBO specific)

1 Logging In	You must login before you start.
	iOS Tap "Settings" on right bottom of the screen, then tap "Login".
	Android Tap "Settings" on side menu, then tap "Account".
	You can login with either your email, Google account, or Facebook account.
2 Start Preparation	1. Select an event. (example: Kiba Park)
	2. Choose a category. (example: Family)
	3. Click "Play" to display the map.

TIPS For Competitor
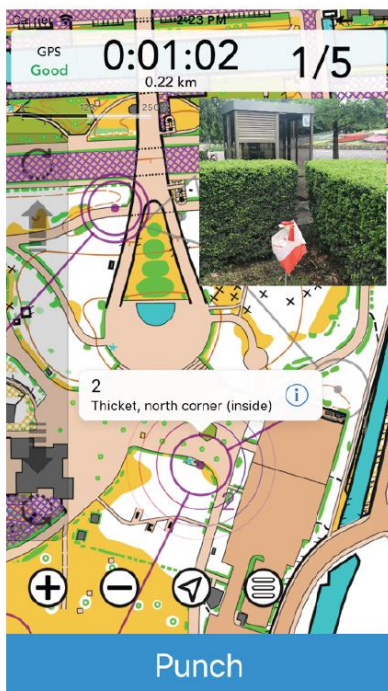
3 Start

Move to the Start △ and tap "Start" to begin the game.

※ You will be able to start by tapping start even if start times are designated.
※ If the course is set as "Free Start", there is no Start on the map.

For MTBO training, paper map use in conjunction is recommended.

4 Punch and Photo

Find the checkpoint (CP) ○ using the sample photo of the CP, displayed when the ○ on the map is tapped.

1. When you get close to the CP, the "Punch" button becomes active.
2. When you find the CP, tap "Punch" to activate the camera.

If the course is set as "No Photo", the camera will not be active.

3. Stand in the center of ○ and take the same photo from the same angle as the sample.

If you close the camera by mistake, take photo using the camera directly from the smart phone. The photo can later be uploaded from the visited spots screen.

For MTBO, NaviTabi will punch at control automatically without photo. Set ringing and vibration for 10sec.

5 Finish

Finish within the competition duration. When you are close to the Finish ◎, the "Finish" button is active. Tap "Finish" to finish. Tap "Done" to close the game screen.

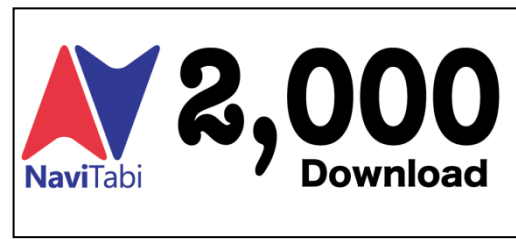Your NaviTabi will stop at finish as well automatically !!

TIPS For Competitor

- iPhone works very well and risk of malfunctioning is low.
- Android is depends on multiple factors. Though most work well, some Android OS have various/unique internal settings for smartphones. Some smartphone dependent issues have been found.

- A few issues found
    - Double punching at a single control
    - No punch activating at the control
    - GPS poor accuracy
    - Sleep or Inactive NaviTabi during use
    - Unexpected smart phone responses due to unintended frequent display touching (we have often encountered problems during heavy rain training)

    We are frequently updating NaviTabi to fix these machine dependent issues.

TIPS For Competitor

- In order to lower risk of smartphone dependent issues, we strongly recommend to use under following conditions:
  - Decrease or suppress use of other applications and/or notifications
  - Keep the smartphone awake/displaying all the time
    - Smartphone setting can be changed to always Awake from developer mode
    - Free application StayAwake also keeps your smartphone always active **(Higly recommending)**

  - Put display surface-side outside in your hip pocket in order not to disturb touching on the display.

  - In rain, use plastic bag to keep raindrops from touching your display.
  - Wrist case or similar items works very well. Good for rain protection and also for better GPS signal.

  Enjoy!!

TIPS For Competitor

- If you have NaviTabi abort during use, restart NaviTabi, please. Normally NaviTabi will recover to the point/timing of abort happened. Unfortunately sometimes NaviTabi may start from the beginning of your training course in vain. However even if so, TRY quitting NaviTabi from working applications list, and restart again – at least 2times. Hopefully the TRY restart again&again may lead to recover unexpectedly.

- You may not catch GPS signal at all (In Japan, it occurred 2times among hundreds use on iOS and Android).
  In that case, ex.google map may not work as well.
  It rearly cause due to OS matters. Reboot your cellphone and GPS usability of NaviTabi may turn deactivated and activated repeatedly.

TIPS For Organizer

- Install NaviTabi on your smartphone, and then contact NaviTabi developer to register you as Smart MTBO organizer. As organizer you can
  - Set MTBO course as "Auto punch"
  - Set up courses anytime you want on Open Map basis. No need to send request to developer for course set up.

- Using iPad or Android tablet is strongly recommended. Same login account can be used for multiple mobile and tablet.
  - Tablets allow much easier and faster courses and controls setting
  - The larger screen allows more enjoyable Live tracking of competitors together with beer?!
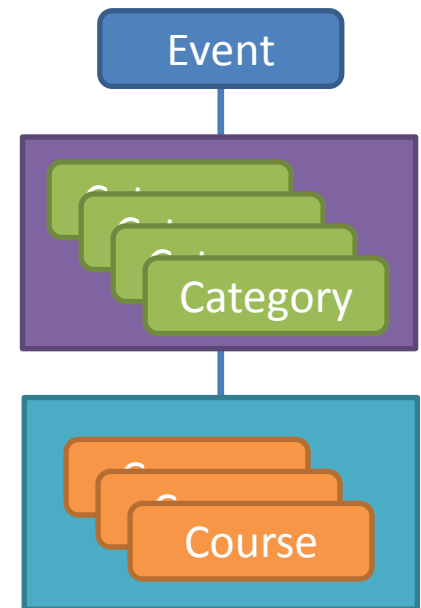
TIPS For Organizer

- Background
  – NaviTabi has been developed to organize and enjoy wide range of orienteering, from recreational to competitive usage. Understand the data structure will make it easier to use.

- Data Structure
  You should create each one
  at least for training.

  – Event   -> MTBO map
  – Category   -> Event class (classes)
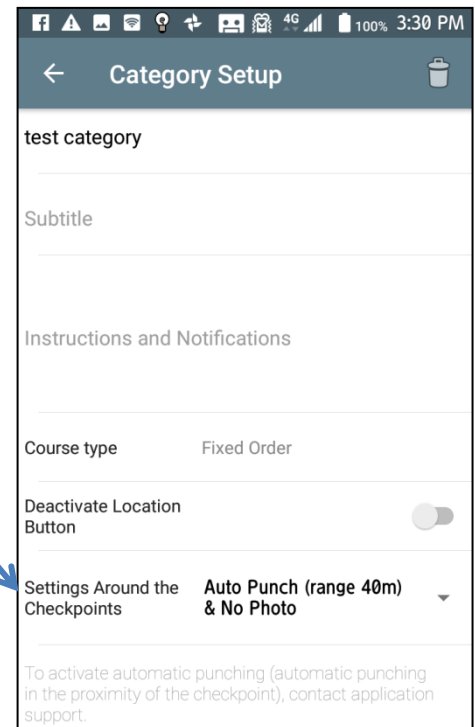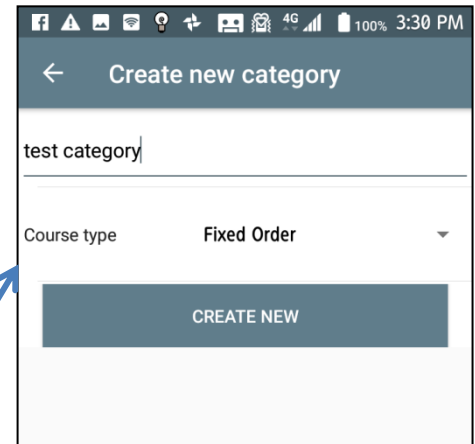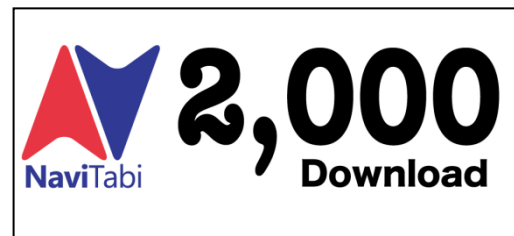 – Course   -> Event course (courses)

TIPS For Organizer

- Event
  - If you want to import mtbo map image, create only ONE event for one import image.
    You can reuse the image for holding next event for future.
    (You can hide - publish turnoff - old event categories if you need)
  - Only event owner (creator) can create/add courses to the event
    Therefore other organizer can not use your map - imported image anytime you want.
  - Create one event, and ask developer to import the mtbo map.
    - Send jpg/png image (300dpi may be best, higher is useless, even lower resolution may be acceptable to find the position of control point)
    - Let me know the map place, for example latitude/ longitude coordinate.

  - If you make courses on only open map basis (no need for mtbo map image), you may create new event for each training.

TIPS For Organizer

- Category (On Android, iOS is similar)
  - Category is equivalent to competitor class.
  - Multiple categories can be set to a event.

  - Be sure to create category,
    and to select 'Course type' as **"Fixed Order."**
    (Can not change afterward)

  - And then, be sure to
    to select 'Settings Around the Checkpoints'
    as **"Auto Punch (range 40m) & No Photo"**
    (Changeable afterward)

  –

TIPS For Organizer

- Course
  - If you didn't ask map import, you can set courses on open map as default.
    You can set course anywhere in the world !

  - If you asked map image import,
    you can set courses on your map.

  - One course can be linked to multiple categories.