# VGSync Feature List (English)

## Video Features

* Import Videos (single or multiple)
* Playlist support (multiple videos in one project)
* Cutting / Trimming videos (Mark Begin, Mark End, Cut, Clear)
* AutoCut Video + GPX in one Step!
* Set Begin / End cuts (cut start or cut end of video+GPX)
* Play, Pause, Stop, Go to Start/End
* Step mode navigation (frame, second, minute, keyframe)
* Speed multiplier playback (0.5x, 1x, 2x, … 32x)
* Jump to specific time (H:M:S)
* Overlay manager (add overlays on timeline)
* Video export (Copy Mode = fast, Encode Mode = slow with crossfades/overlays)
* Encoder Setup (resolution, quality, hardware acceleration)

## GPX Features

* Import GPX files (merge multiple GPX files)
* Export GPX (save edited GPX track) - ( if video is loaded it will be cut to the same length as the video)
* Cut GPX ranges (Mark B/E, Cut, Remove without time shift)
* Close Gaps in GPX data – with or without Directions
* Delete Way errors / Time errors
* Modify GPX points or range (time, elevation, slope %)
* Resample GPX to 1s intervals
* Set elevation for range (B–E) preserving wave shape
* Smooth GPX track
* Fetch elevation data from Mapbox

## Analysis & Info

* Charts of speed, elevation, slope
* GPX Summary (stats + elevation info)
* Show Max/Min slope
* Show Max/Min/Average speed
* Mark Stops / ZeroSpeed threshold
* Mini chart widget

## Map Features

* Integrated Map View (Mapbox, MapTiler, Bing, Mapillary) [Keys needed]
* Directions feature (auto-build routes via Mapbox Directions API)
* Change GPX point size and color (black, red, blue, yellow)
* Detach/Attach map to window

## Configuration

* FFmpeg path management (set, clear, show current)
* libmpv path management (set, clear, show current)
* Temp directory management
* Reset configuration
* Auto-Sync new GPX points with video
* Global Time / Final Time display modes

## Project Management

* New Project
* Load Project / Save Project
* Open Recent Projects

## Help & About

* Documentation viewer
* Copyright & License dialog