PRODUCT REQUIREMENTS / 03

A personal travel planner.



The requirements, evidence and decisions behind a first release worth building.

PERSONAL TRAVEL PLANNER · VERSION 3 · $20 MONTHLY APP BUDGET

FOR	FIRST RELEASE	PILOT USAGE
Independent travellers	**Plan a day offline**	**100 itinerary requests / month**

CHECKS OPEN

01 / THE OUTCOME

Less planning. More of the trip.

For independent travellers who want a realistic day-by-day plan. Turn dates, interests and a trip budget into a route they can review, adjust and save.

01

Start with saved places

Choose a day, interests and the places already on your device.

02

Shape the day

Arrange visits around the saved opening hours. This capability still needs proof.

03

Make it yours

Change a stop and review the revised itinerary.

04

Keep the plan

Save locally. Encrypted online backups stay optional.

YOUR NEXT DECISION

Prove the fit. Then price the plan.

A local engine does not mean zero cost. Confirm opening-hours support and collect the remaining prices before approving this version.

02 / MUST-HAVES & EVIDENCE

Requirements with a reason.

R01 / USEFUL ROUTES / OPEN · CAPABILITY TO CHECK

A day that actually works.

Calculate routes without an internet connection using saved places. Respect opening hours and visit durations. Offline calculation is supported; opening-hours handling remains unproven.

“Routes are calculated fully offline on macOS and Windows.”

demoroute.example/offline · read 25 Oct 2026

Supports offline route planning; says nothing about opening hours.

R02 / PRIVATE TRIP DATA / BACKUP ENCRYPTION SUPPORTED

Private means private.

Keep the itinerary on the device. Encryption is supported for optional StoreBox backups when connected. Local storage protection and the engine’s data handling still need implementation checks.

“Saved itineraries and backups are encrypted at rest.”

storebox.example/security · read 23 Oct 2026

Supports encryption for stored itineraries and backups.

03 / TECHNICAL APPENDIX

The pieces, connected.

01
Saved places
On your device

02
Offline routes
DemoRoute · to check

03
Your itinerary
Saved locally

04
Optional backup
StoreBox · when online

The offline engine is a candidate, pending proof that it respects saved opening hours. Optional backups must not block offline routing.

04 / R03 / THE APP BUDGET

Keep the first step affordable.

MONTHLY APP RUNNING COST

Not yet costed.

No verified price for the offline route engine. The cloud estimate is withdrawn, not reused. Budget kept: $20 a month. Still to price: the offline engine, maintenance and any optional online services.

Security
Verify access controls and protection of saved itineraries in the implementation.

Privacy
Record what is stored, where it goes and how a traveller can remove it.

Performance
Agree a measurable response-time target before the pilot, then test it.

05 / ACCEPTANCE CRITERIA

What a working first release must do.

These are acceptance checks for the build. A supporting vendor quote does not replace testing the finished app.

A01 / Opening hours

With the connection disabled, a route uses saved places and avoids a closed attraction. This test is still required.

A02 / A plan you can change

The traveller can change a stop and save the revised itinerary. Missing opening hours are shown as unknown.

A03 / Privacy by design

Offline routing makes no network requests. Optional backups sync only when connected and must not block route planning.

06 / STILL OPEN

A clear place for the unknowns.

01 / Opening-hours support

A source or test showing that DemoRoute Local respects saved opening hours.

02 / Offline running costs

Verified prices for the engine, maintenance and any optional online services.

03 / Optional trip summaries

A verified source excluding trip summaries from model training. The feature stays off until then.

Big idea. Clear next move.

Resolve the offline capability and cost checks before approval. Optional summaries stay off pending the privacy check.

EXAMPLE DOCUMENT · FICTIONAL VENDORS · VERSION 3