

FAQs for GPLAN

Q1. What technology does GPLAN use?

GPLAN utilizes advanced graph algorithms to generate floorplans.

Q2. What is the duration of the trial period?

GPLAN offers a free trial period of 15 days.

Q3. Does GPLAN work for any input graph?

For dimensionless floorplans, GPLAN works with any adjacency graph. For dimensioned floorplans, the solution depends on realistic input dimensions; if the dimensions are not feasible, a layout may not be generated.

Q4. How long does GPLAN take to generate layouts?

GPLAN displays layout solutions within 2 minutes.

Q5. Are there any constraints when drawing graphs?

No, users can draw any **connected** graph without edge crossings. GPLAN currently supports the following functions:

- **Dimensionless Floorplans:** Users can draw any graph, and GPLAN will generate multiple dimensionless floorplans that satisfy all adjacencies.
- **Dimensioned Floorplans:** For dimensioned rectangular floorplans, GPLAN assumes that users are drawing a door connectivity graph.

Q6. What is a door connectivity graph?

A door connectivity graph represents connections between rooms through doors, as opposed to walls. For optimal results, specifying door connections is mandatory, while wall connections are optional and are automatically added by GPLAN.

Q7. How are connections between rooms and room dimensions handled?

GPLAN optimizes layouts based on both room adjacencies and specified dimensions.

Q8. What is the unit for width and length in GPLAN?

The units for width and length are assumed to be in feet, with a default value of 3 feet for each dimension.

Q9. Can users modify the generated floorplans?

Yes, users can modify the generated floorplans by moving walls, one floorplan at a time.

Q10. What file formats can users export the floorplans in?

Users can export all generated floorplans in JSON and DXF file formats.

Q11. Is there an upper limit on the number of rooms?

Currently, GPLAN supports a maximum of 15 rooms (nodes). For requirements involving more rooms, please contact our support team.

Q12. Is it possible to customize a floorplan?

At this stage, users can select a floorplan and edit it by moving its walls without breaking the adjacency. External walls are only allowed to move inside. A wall can also be deleted. Addition of walls, doors and windows will be available in the next version.

Q13. What upcoming features can we expect from GPLAN?

- **GPLAN 1.1:** Set to release in 2024, this version will introduce options for inserting non-adjacency between two rooms (meaning no common wall) and will also provide options for incorporating circulation within layouts.
- **GPLAN 2.0:** Expected in 2025, this version will support the generation of floorplans (both dimensioned and dimensionless) within a specified plot boundary.

Q14. How can I get help if I encounter issues with GPLAN?

If you face any issues, you can reach out to our support team via email at support@gplan.in, message us at <https://whatsapp.com/channel/0029VajTRLkEQIam6IHBek2W>, or connect with us on LinkedIn at <https://www.linkedin.com/company/96599176/admin/dashboard/>.

Q15. Are there any tutorials or guides available for using GPLAN?

Details can be found at <https://www.youtube.com/@GPLAN2024/videos>