

LEGO project: briefing for Claude

Saved on 15 October 2026. Purpose: if the user uploads this file in a new chat, continue the project from here without asking the same questions again.

1. The user's goal

- Wants an online tool/project that recognises LEGO bricks from a photo, suggests what can be built, and then gives a building manual for the chosen idea.
- The user writes English with some German-style phrasing (lives in Selfkant, NRW, Germany). Keep answers simple and short.
- The user wants build manuals **with pictures**.

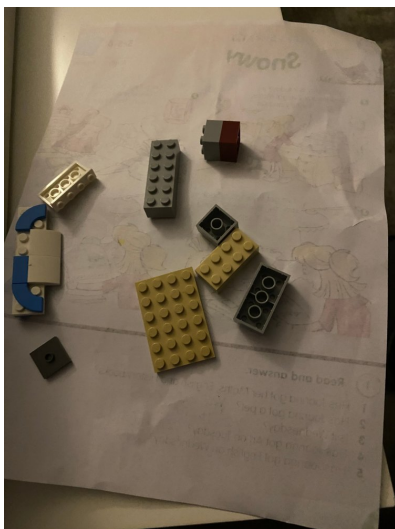
2. Tools found (research result)

Brickit (mobile app for iOS and Android, made by fans, not an official LEGO product) does the whole workflow: scan photo, list build ideas, step-by-step instructions with the needed pieces highlighted in the photo.

- Needs about 150+ bricks, laid flat in one layer. Overlapping bricks reduce recognition.
- Free tier exists but has in-app purchases and ads; users report limited free scans. One reviewer reported being charged for a yearly subscription (about 64.99) after a trial, so check trial terms.
- **Rebrickable** (website): enter sets/parts, see which fan-made designs (MOCs) can be built. No photo recognition.
- **BrickLink Studio** (free desktop software): design own models and generate instructions.
- No free web tool was found that does photo + ideas + manual in one place.

3. Photo analysis

The user uploaded a dark photo (IMG_8547.JPG) with about 10 pieces on a sheet of paper. Too few for Brickit.

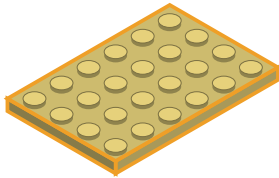


Piece	Count	Note
Tan plate 4x6	1	
Tan brick 2x4	1	
Light gray brick 2x6	1	
Light gray brick 2x4	1	lying upside down
Light gray brick 2x2	1	lying upside down
Gray / dark red 2x2 piece	1	
Dark gray 2x2 plate, 1 stud	1	single center stud
White brick with side studs	1	uncertain, dark photo
Blue curved pieces + white parts	few	small assembly, left edge

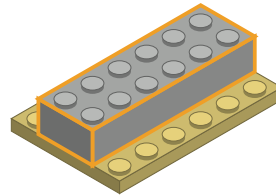
The inventory is an estimate: the photo was dark. No wheels were present, so no cars. Other ideas offered but not chosen: tiny cabin/bunker, small bench or table, phone stand.

4. Chosen model: small barge / boat

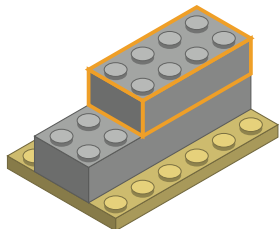
Uses 7 pieces: tan plate 4x6, gray 2x6, gray 2x4, gray 2x2, tan 2x4, red/gray 2x2, dark gray 2x2 plate. The newest piece in each picture has an orange outline. The illustrations are drawings, not photos.



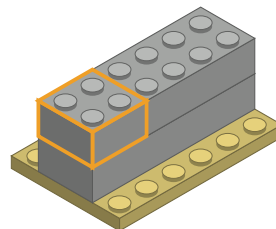
1. Tan plate 4x6
The hull base. Studs up.



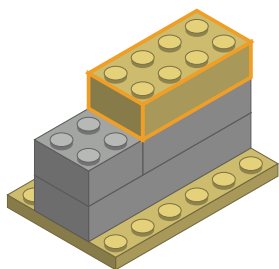
2. Gray brick 2x6
Centered on the plate: one free stud on each side.



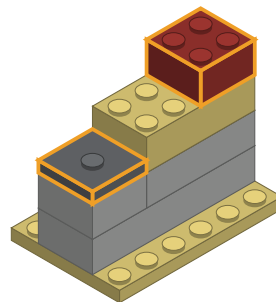
3. Gray brick 2x4
On the back 4 studs of the 2x6 (cabin walls). Flip it studs-up.



4. Gray brick 2x2
On the front 2 studs of the 2x6 (cargo block). Flip it studs-up.



5. Tan brick 2x4
On top of the cabin = roof.



6. Red 2x2 + dark gray plate
Red 2x2 on the back of the roof = chimney. Dark gray 2x2 plate (single stud) on the front block = lamp.

Optional extras (not drawn, attachment uncertain): blue curved pieces at the front edge of the plate as a bow; white brick at the back as a rail; the two free studs on the roof can hold a small figure or flag.

5. How to continue next time

- If the user sends a new photo: list the visible pieces in a table, say how sure you are, and suggest 3-4 builds.
- When the user picks a build: give a step-by-step manual **with illustrations** (isometric drawings, newest piece outlined) and a parts list. Be honest that these are drawings, not photos.
- Work from the actual pieces only. If many bricks are needed, recommend Brickit (150+ bricks) instead.
- Possible next requests: a second model from the same bricks, a shorter parts list, or help combining Rebrickable and Studio on a computer.