| Tätigkeit | Zeitaufwand (h) | | | | Kalenderwochen | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MB | PS | RZ | SK | Oktober | | | | | November | | | | Dezember | | | | Januar | | | | | Februar | | | | März | | | | April | | | | Mai | | | | |
| | | | | | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| Problemstellung definieren | 1 | 0,5 | 1 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Aufgabenstellung definieren | 7,5 | 0,5 | 1 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Anforderungsliste | 7 | 0 | 1 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stand der Technik | 25 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dokumentation | 16 | 50 | 3 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Box | 5 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Funktionsstruktur | 13 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Morphologischer Kasten | 4 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Vor- und Nachteile | 10 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lösungsalternaitven | 2 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bestellliste, Bestellungen | 6 | 1 | 12 | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fertigung | 1 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Aufbau Schiene / Montage Standfüße | 5 | 5 | 5 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Test und Optimierung | 10 | 10 | 10 | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STM32 Recherche, Programmierung usw. | 2 | 90 | 40 | 120 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Schleppkette | 5 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balluff magnetcod. Maßkörper, Datenblattrech | 0 | 0 | 4 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balluff-Sensor, Datenblattrecherche | 1 | 0 | 4 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Konstruktion mech. Adaption Balluffsensor | 1 | 0 | 6 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fertigung mech. Adaption Balluffsensor | 0 | 0 | 7 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Montieren Balluff Sensor | 0 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Montieren Balluff Magnetband | 0 | 0 | 3 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STM32 Gehäuse Entwickeln | 11 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Entwicklung der Schaltungen in Eagle | 0 | 0 | 16 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Aufbau Schaltkasten, mechanisch | 0 | 0 | 6 | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Aufbau Schaltkasten, Verdrahtung | 0 | 0 | 32 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Montage Anschlussstecker Sensoren/Motor et | 0 | 0 | 4 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Aufbau Verteilerboxen, Verdrahtung | 0 | 0 | 16 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hamamatsu Sensor montieren | 0 | 3 | 0 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Laser montieren | 0 | 6 | 0 | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Durchbiegung messen | 5 | 5 | 5 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Besprechungen | 28 | 20 | 21 | 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAD CNC-Maschine | 34 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAD Schiene | 25 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Struktogramm | 0 | 0 | 0 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blockschaltbild | 0 | 10 | 8 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Durchbiegung messen mit Hamamatsu | 1 | 6 | 6 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Auswertung der Messdaten von Hamamatsu | 0 | 2 | 3 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Verlängerung Hamamatsukabel, Schleppkette | 0 | 0 | 2 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Optimierung Halterung Laser und Aufnahme Sc | 0 | 0 | 0 | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Montage Streulichtschutz (3D-Druckteil) | 1 | 0 | 2 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Konstruktion Streulichtschutz (3D-Druckteil) | 3 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Videodreh, Vorbereitung | 6 | 6 | 6 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Summe | 236 | 215 | 224 | 209 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |