1. Understanding Phishing Attacks

Phishing is a form of social engineering where attackers deceive individuals into revealing sensitive information (like passwords or credit card numbers) by masquerading as a trustworthy entity in an electronic communication.

2. & 3. Create Template & Landing Page

Using a tool like **GoPhish**, you create two main components:

- **Email Template:** A "Urgent Password Reset" or "Unusual Login Detected" email that looks official but contains a malicious link.
- **Landing Page:** A fake login site that mirrors a real service (e.g., Microsoft 365 or Gmail) to capture inputs.

4. & 5. Send & Track Responses

The simulation is sent to a controlled test group (e.g., your own test email). **GoPhish** tracks:

- **Email Sent:** Initial delivery.
- **Email Opened:** User interest.
- **Link Clicked:** User vulnerability.
- **Data Submitted:** Successful credential harvest.

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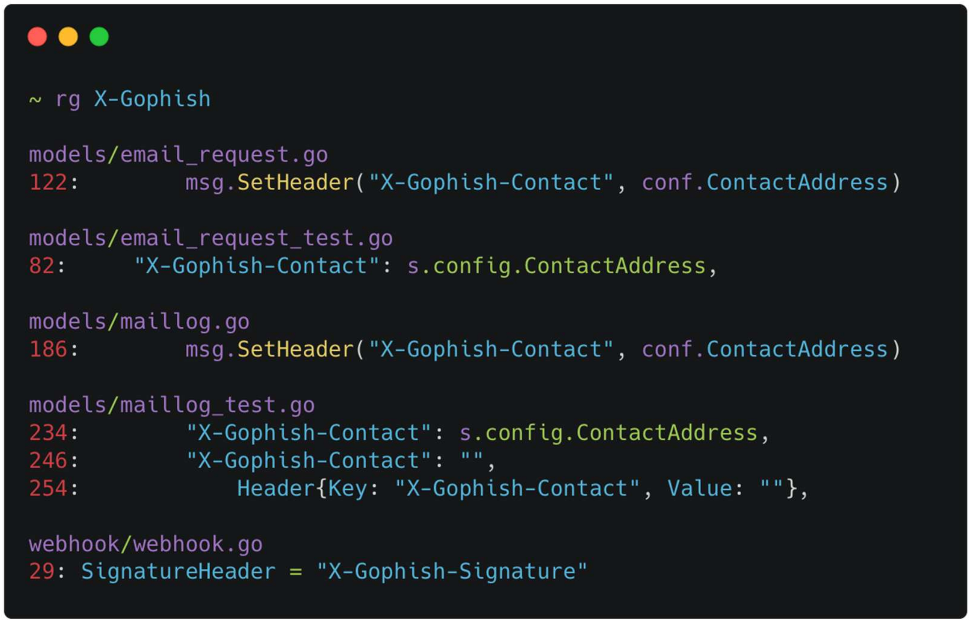
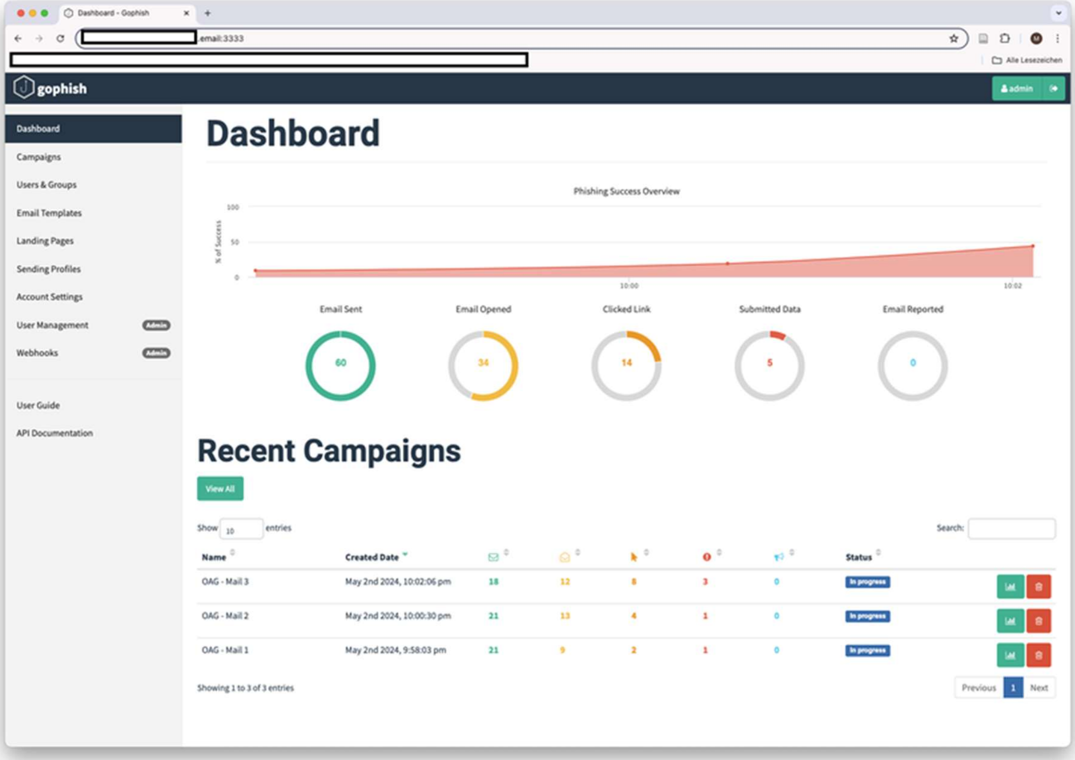
6. & 7. Identifying Red Flags & Prevention

The core of this task is learning to spot the "Red Flags":

- **Mismatched URLs:** Hovering over a link reveals it doesn't match the official domain.
- **Urgent/Threatening Language:** "Account will be deleted in 24 hours".
- **Generic Greetings:** Using "Dear Customer" instead of your name.
- **Prevention:** Use Multi-Factor Authentication (MFA) and always verify requests through a secondary, trusted channel.



```
~ rg X-Gophish

models/email_request.go
122:        msg.SetHeader("X-Gophish-Contact", conf.ContactAddress)

models/email_request_test.go
82:     "X-Gophish-Contact": s.config.ContactAddress,

models/maillog.go
186:        msg.SetHeader("X-Gophish-Contact", conf.ContactAddress)

models/maillog_test.go
234:        "X-Gophish-Contact": s.config.ContactAddress,
246:        "X-Gophish-Contact": "",
254:            Header{Key: "X-Gophish-Contact", Value: ""},

webhook/webhook.go
29: SignatureHeader = "X-Gophish-Signature"
```



Dashboard

Recent Campaigns

Name	Created Date	✉	✉	➤	!	📢	Status
OAG - Mail 3	May 2nd 2024, 10:02:06 pm	18	12	8	3	0	In progress
OAG - Mail 2	May 2nd 2024, 10:00:30 pm	21	13	4	1	0	In progress
OAG - Mail 1	May 2nd 2024, 9:58:03 pm	21	9	2	1	0	In progress

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