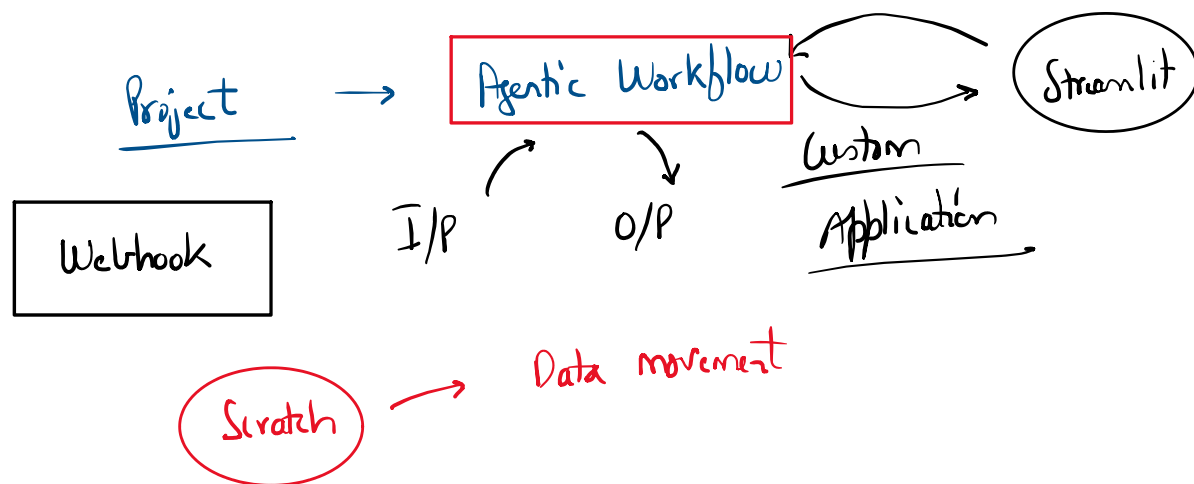


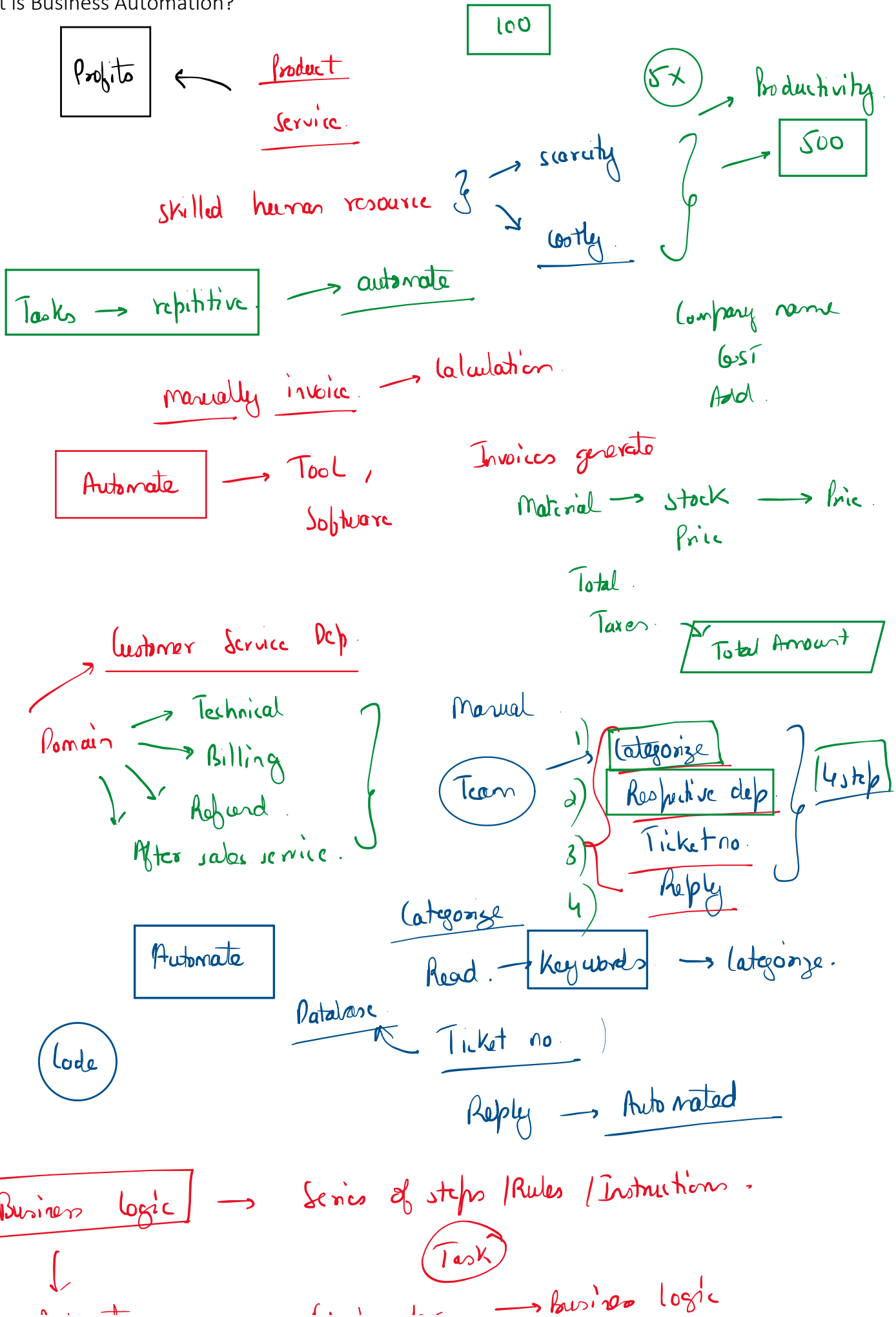
Agenda

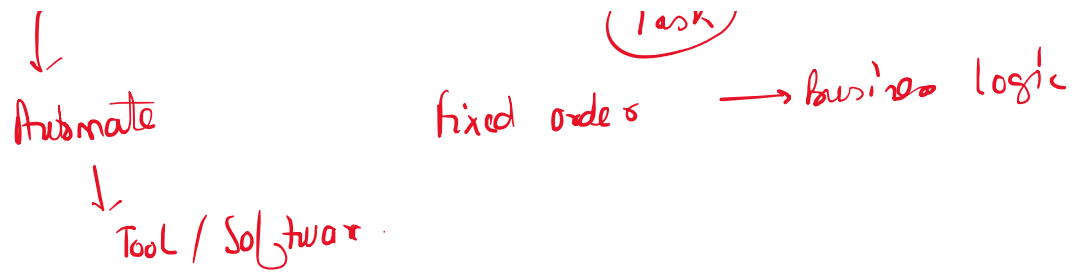
- ① What is Business Automation?
- ② AI integrate → AI automation.
- ③ Core concepts → N&N, concepts
- ④ N&N → Features. 3rd party apps } integrations.
- ⑤ N&N → Install → self hosting Docker
- ⑥ Credentials set → Gmail → proper authorization.
- ⑦ Example workflows → Components, connections, Data Flow

a) Automation. b) LLM → AI Automation.



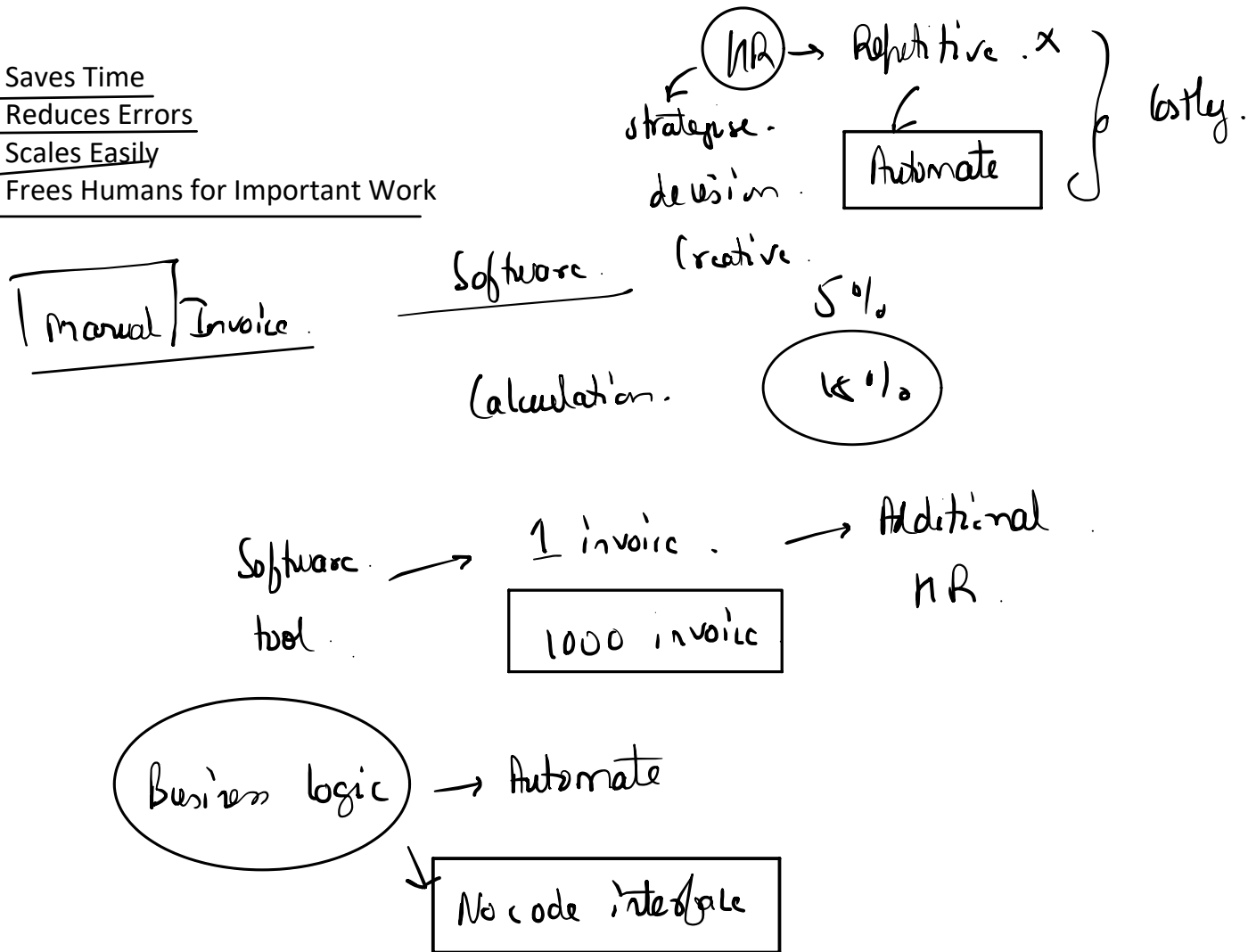
What is Business Automation?

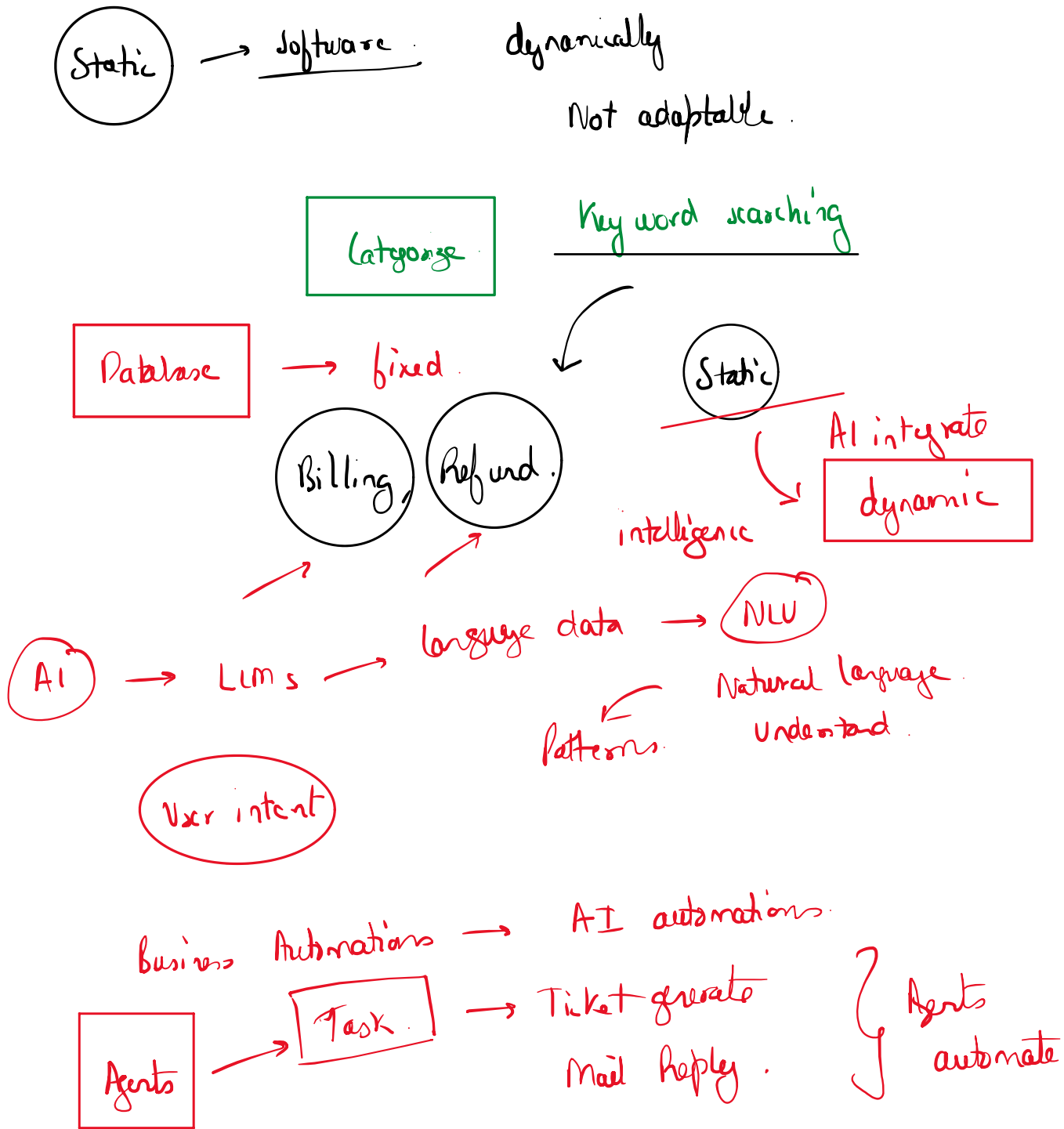




Why Required?

1. Saves Time
2. Reduces Errors
3. Scales Easily
4. Frees Humans for Important Work





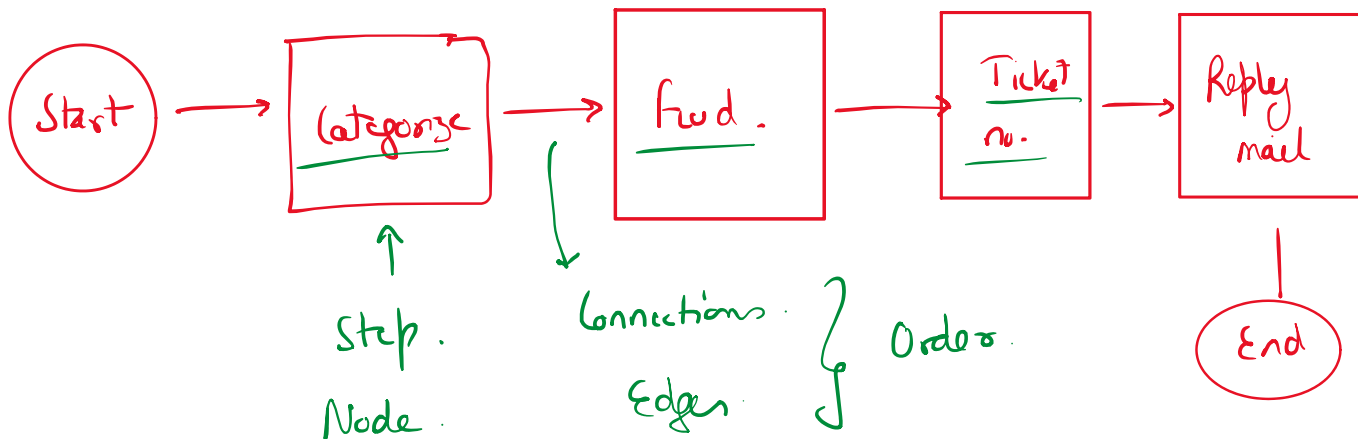
What is a Workflow?

Predefined series of steps.
which you execute in a
fixed order

Business logic



Visual Repre.



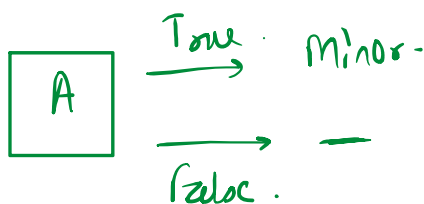
1) linear

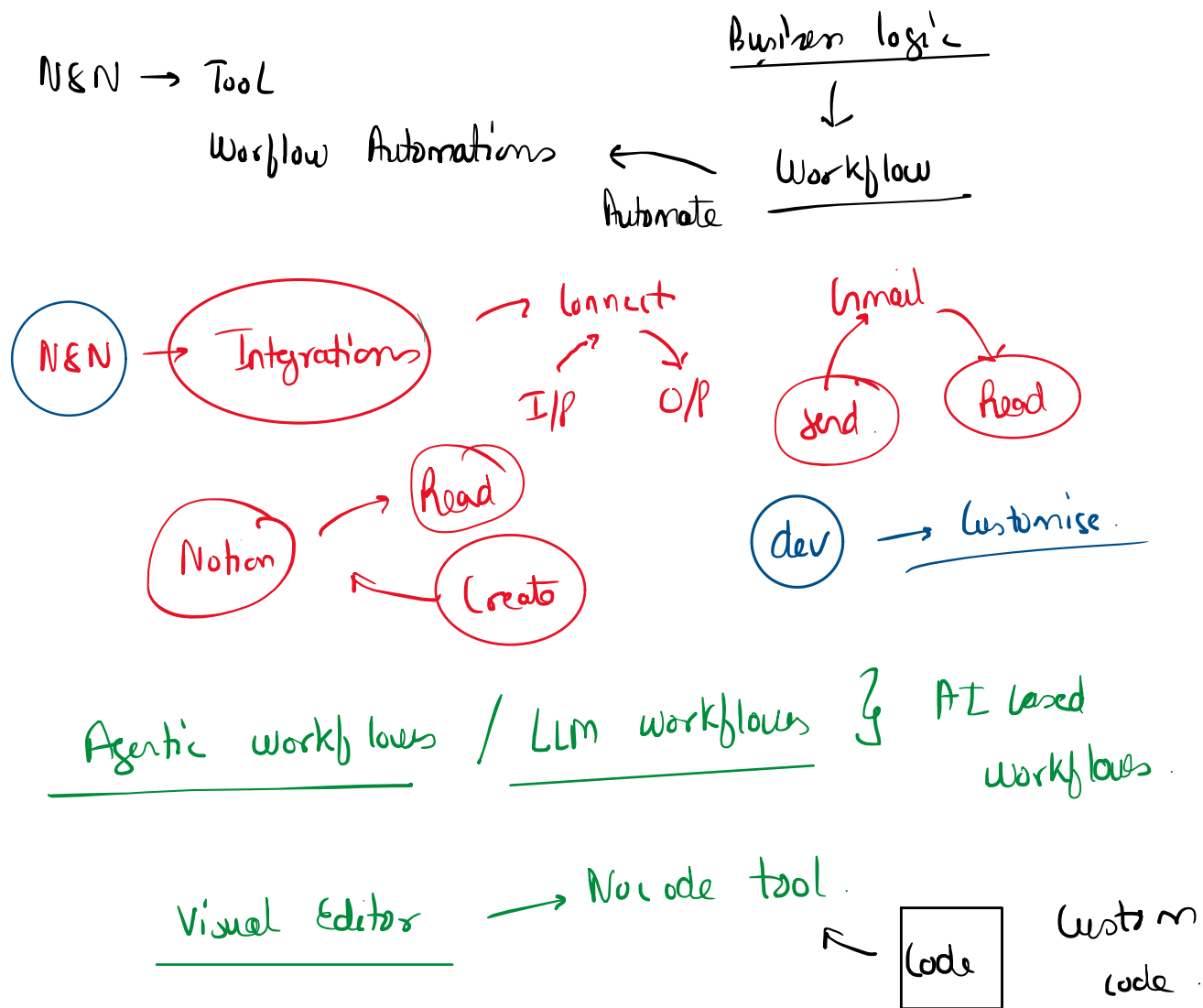
2) parallel

3) Conditional branching

Age.

4) loop





① Zapier → Non technical teams - Integrations.

② Make.com → Visual → AI agents

③ Power automate → Microsoft → Workflow automation.

Office Outlook } Integration
Azure cloud }

Office cloud
Azure cloud

Nodes → Tasks.

Connections.

Nodes / Steps.

Edges

Data movement →

JSON

→ Python dict

HTTP Request.

Universal

integrations.

```
{ "key 1" : "value",  
  : 20  
  : [ ] }
```

```
"key 4" : { } }
```

JSON