

Tools Meeting

Mohamed Emary

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1 Application Features

1.1 Basic Features

- Products
- Cart
- Checkout
- Categories
- Orders
- Payment
- Ratings
- Inventory
- Vendors
- Brands
- Product Attributes
- Offers

1.2 AI Features

- **Personalized Recommendations**
- Chat Bot

1.3 Web Accessibility

- Better support for screen readers

1.6 What is Git & Github

Git is a VCS (Version Control System) that allows us to track changes in our code over time. It also allows us to collaborate with other developers by merging our code together.

GitHub is a website that hosts Git repositories.

1.4 Extensions

- `ms-vscode.vsliveshare`
- `CoenraadS.bracket-pair-colorizer-2`
- `ms-python.autopep8`
- `formulahendry.code-runner`
- `streetsidesoftware.code-spell-checker`
- `yzhang.dictionary-completion`
- `shd101wyy.markdown-preview-enhanced`
- `yzhang.markdown-all-in-one`
- `DavidAnson.vscode-markdownlint`
- `hediet.vscode-drawio`
- `dbaeumer.vscode-eslint`
- `eamodio.gitlens`
- `ecmel.vscode-html-css`
- `oderwat.indent-rainbow`
- `xabikos.JavaScriptSnippets`
- `ms-toolsai.jupyter`
- `ms-vscode.live-server`
- `PKief.material-icon-theme`
- `mushan.vscode-paste-image`
- `esbenp.prettier-vscode`
- `ms-python.python`
- `frhtylcn.pythonsnippets`
- `WallabyJs.quokka-vscode`
- `tldraw-org.tldraw-vscode`

1.5 Later Discussion

- IntelliCode
- Mermaid & PlantUML
- Arabic language support

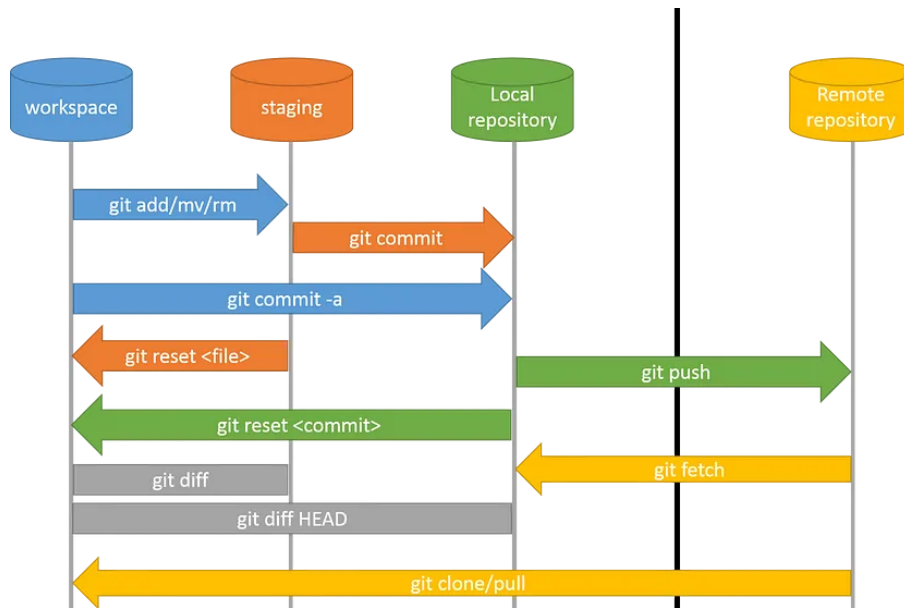


Figure 1: Git Stages

1.7 Git Aliases

To open git settings `git config --global --edit` it will open in VSCode

Then add:

```
[init]
  defaultBranch = main
[color]
  ui = auto
[pull]
  rebase = false
[alias]
  br = branch --format='% (HEAD) %(color:yellow)%(refname:short)%(color:reset) -
    %(contents:subject) %(color:green)%(committerdate:relative)) [% (authorname)]'
    --sort=-committerdate

  p = push
  st = status
  a = add
  gl = config --global -l
  se = !git rev-list --all | xargs git grep -F
  d = diff
  dv = difftool -t vimdiff -y
  rv = remote -v
  ct = commit -m
  co = checkout
  m = merge
  cob = checkout -b

  ll = log --pretty=format:'%C(yellow)%h %ad%Cred%d | %Creset%s%Cblue
    [%cn]' --decorate --date=short --graph

  cl = clone
  last = log -1 HEAD --stat
```

```
undo = reset HEAD~1 --mixed
redo = reset HEAD@{1} --soft
tt = tree
po = push origin
del = branch -d
delr = push origin --delete
gal = config --get-regexp ^alias
```

Add set-alias -name g -value git to notepad \$profile