Git Workflow Summary
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Daily GitHub Workflow Cheat Sheet

🧱 Basic Setup

```
cd project
git init
git remote add origin https://github.com/ahmed/ServeyBasket.git
git branch -M main     # Rename default branch to main
git add .
git commit -m "Initial commit"
git push -u origin main
```

1️⃣ Start Your Day

```
cd /path/to/project    # enter your project
git checkout main      # switch to main
git pull origin main   # grab everyone's latest commits
```

2️⃣ Spin Up a New Branch

```
git checkout -b feature,bugfix,refactor,hotfix your-branch-name
```

3️⃣ Do Your Work

- Edit, add, or remove files
- Install NuGet: `dotnet add package <PackageName>`

4️⃣ Record Every Logical Step

```
git add .
git commit -m "Short title

- Bullet 1: what you did
- Bullet 2: why you did it "
```

5️⃣ Back It Up to GitHub

```
git push -u origin feature/your-branch
```

6️⃣ Wrap Up / Merge (Solo)

```
git checkout main
git pull origin main
git merge feature/your-branch
git push origin main
git branch -d feature/your-branch          # delete local branch
git push origin --delete feature/your-branch   # delete remote branch
```

6️⃣ Wrap Up / Merge (Collaborative PR)

- Push your branch: as above
- Go to GitHub → Create Pull Request → Review → Merge
- Then locally:

```
git checkout main
git pull origin main
git branch -d feature/your-branch
```

🔢 Quick-Reference Table

Action	Command
Sync main	`git checkout main && git pull origin main`
New branch	`git checkout -b feature/<name>`
Stage & commit	`git add .` `git commit -m "Title Details..."`
Push branch	`git push -u origin feature/<name>`
Merge (solo)	`git checkout main && git pull && git merge feature/<name>`
Cleanup branch	`git branch -d feature/<name>` `git push origin --delete feature/<name>`
Undo last commit	`git reset --soft HEAD~1`
Revert pushed commit	`git revert <hash> && git push`