

Eric Rogers

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Design Patterns for Web Programming

Lab 2 Classes Worksheet

1. PGA (professional golf association)

- **Class:** Golfer
- **Attributes** _name _age _handicap
- **Methods:** find_distance() choose_club() swing()
- **Class:** Official
- **Attributes** _name _position _course_location
- **Methods:** observe() ruling() crowd_control()
- **Class:** Guest
- **Attributes** _name _age _sex
- **Methods:** locate_favorite() walk() clap()
- **Class:** Caddy
- **Attributes** _name _years_worked _salary
- **Methods:** provide_distance() keep_score() clean_equip()

2. Restaurant

- **Class:** Chef
- **Attributes** _name _salary _specialty
- **Methods:** fry() bake() chop()
- **Class:** Staff
- **Attributes** _name _position _salary
- **Methods:** wait_table() wash_dishes() mix_drinks()
- **Class:** Patron
- **Attributes** _age _sex _hunger_level
- **Methods:** choose_food() eat() drink()
- **Class:** Owner
- **Attributes** _name _age _sex
- **Methods:** balance_books() order_supplies() give_intruction()

3. Design Agency

- **Class:** Designer
- **Attributes** _name _experience _salary
- **Methods:** branding() layout() photo_edit

- **Class:** Developer
- **Attributes** _name _languages _salary
- **Methods:** code() debug() refactor()

- **Class:** Accounting
- **Attributes** _name _agency _salary
- **Methods:** call_client() take_payment() email()

- **Class:** Client
- **Attributes:** _company _name _age
- **Methods:** provide_assets() check_progress() make_payment()