# This script generates a 9-file starter project for the Food Management website,

# with separate role-specific portals for Day Scholar, Hosteller, and Manager.

# Structure:

# /food-management/

# /day-scholar/ -> index.html, styles.css, app.js

# /hosteller/ -> index.html, styles.css, app.js

# /manager/ -> index.html, styles.css, app.js

# Finally, it zips the folder so the user can download everything at once.

import os, json, textwrap, zipfile, random, datetime, shutil, pathlib

base\_dir = "/mnt/data/food-management"

if os.path.exists(base\_dir):

shutil.rmtree(base\_dir)

os.makedirs(base\_dir, exist\_ok=True)

roles = [

{"key": "day-scholar", "label": "Day Scholar", "has\_mess": False, "has\_manage": False},

{"key": "hosteller", "label": "Hosteller", "has\_mess": True, "has\_manage": False},

{"key": "manager", "label": "Manager", "has\_mess": False, "has\_manage": True},

]

# --- Shared JS Data: 24 restaurants + menus ---

# To keep this manageable, each restaurant has three categories with 3-4 items each.

restaurants = [

# 3 Indian

{"id":"tadka-house","name":"Tadka House","type":"Indian","img":"","menu":{

"starters":[

{"n":"Paneer Tikka","d":"Smoky cottage cheese skewers","p":180,"img":""},

{"n":"Veg Pakora","d":"Crispy fritters with chutney","p":120,"img":""},

{"n":"Chicken Tandoori","d":"Chargrilled, spiced","p":260,"img":""},

],

"drinks":[

{"n":"Masala Chai","d":"Spiced Indian tea","p":40,"img":""},

{"n":"Mango Lassi","d":"Sweet yogurt blend","p":90,"img":""},

{"n":"Buttermilk","d":"Salted chaas","p":50,"img":""},

],

"main":[

{"n":"Butter Chicken","d":"Creamy tomato gravy","p":280,"img":""},

{"n":"Dal Makhani","d":"Slow-cooked black lentils","p":220,"img":""},

{"n":"Veg Thali","d":"Assorted Indian platter","p":250,"img":""},

]

}},

{"id":"royal-thali","name":"Royal Thali","type":"Indian","img":"","menu":{

"starters":[

{"n":"Aloo Tikki","d":"Crisp potato patties","p":110,"img":""},

{"n":"Hara Bhara Kebab","d":"Spinach & peas kebab","p":150,"img":""},

{"n":"Fish Amritsari","d":"Crisp batter fried fish","p":290,"img":""},

],

"drinks":[

{"n":"Sweet Lassi","d":"Rich, creamy lassi","p":85,"img":""},

{"n":"Rooh Afza","d":"Rose sharbat cooler","p":60,"img":""},

{"n":"Jaljeera","d":"Tangy cumin refresher","p":55,"img":""},

],

"main":[

{"n":"Paneer Butter Masala","d":"Silky makhani gravy","p":260,"img":""},

{"n":"Chole Bhature","d":"Delhi style","p":180,"img":""},

{"n":"Mutton Rogan Josh","d":"Kashmiri style","p":340,"img":""},

]

}},

{"id":"spice-route","name":"Spice Route","type":"Indian","img":"","menu":{

"starters":[

{"n":"Samosa","d":"Potato peas filling","p":60,"img":""},

{"n":"Paneer 65","d":"Spicy fried paneer","p":170,"img":""},

{"n":"Chicken Malai Tikka","d":"Creamy marinade","p":280,"img":""},

],

"drinks":[

{"n":"Nimbu Pani","d":"Fresh lime soda","p":50,"img":""},

{"n":"Sugarcane Juice","d":"Pressed fresh","p":70,"img":""},

{"n":"Thandai","d":"Almond saffron milk","p":120,"img":""},

],

"main":[

{"n":"Biryani (Veg/Chicken)","d":"Hyderabadi style","p":250,"img":""},

{"n":"Palak Paneer","d":"Spinach gravy","p":240,"img":""},

{"n":"Kadhai Chicken","d":"Bell peppers, onion","p":300,"img":""},

]

}},

# 4 Coffee shops

{"id":"bean-bloom","name":"Bean & Bloom","type":"Coffee","img":"","menu":{

"starters":[

{"n":"Butter Croissant","d":"Flaky layers","p":90,"img":""},

{"n":"Blueberry Muffin","d":"Soft, studded berries","p":110,"img":""},

{"n":"Avocado Toast","d":"Sourdough, lemon, chilli","p":180,"img":""},

],

"drinks":[

{"n":"Espresso","d":"Double shot","p":100,"img":""},

{"n":"Cappuccino","d":"Foamy classic","p":130,"img":""},

{"n":"Iced Latte","d":"Cold & smooth","p":150,"img":""},

],

"main":[

{"n":"Chicken Panini","d":"Grilled, pesto","p":220,"img":""},

{"n":"Veggie Wrap","d":"Hummus & veg","p":180,"img":""},

{"n":"Cookie Duo","d":"Chocolate & oatmeal","p":90,"img":""},

]

}},

{"id":"campus-caffeine","name":"Campus Caffeine","type":"Coffee","img":"","menu":{

"starters":[

{"n":"Donut","d":"Glazed ring","p":70,"img":""},

{"n":"Cinnamon Roll","d":"Swirled and iced","p":120,"img":""},

{"n":"Granola Yogurt","d":"Honey & nuts","p":140,"img":""},

],

"drinks":[

{"n":"Americano","d":"Long black","p":110,"img":""},

{"n":"Mocha","d":"Chocolate espresso","p":150,"img":""},

{"n":"Cold Brew","d":"Slow steeped","p":160,"img":""},

],

"main":[

{"n":"Egg Sandwich","d":"Cheese & lettuce","p":150,"img":""},

{"n":"Veg Quiche","d":"Spinach & corn","p":170,"img":""},

{"n":"Cupcake","d":"Vanilla/Chocolate","p":80,"img":""},

]

}},

{"id":"java-jar","name":"Java Jar","type":"Coffee","img":"","menu":{

"starters":[

{"n":"Almond Biscotti","d":"Crunchy dunkers","p":80,"img":""},

{"n":"Brownie","d":"Gooey cocoa","p":110,"img":""},

{"n":"Bagel & Cream Cheese","d":"Toasted","p":130,"img":""},

],

"drinks":[

{"n":"Flat White","d":"Velvety microfoam","p":140,"img":""},

{"n":"Macchiato","d":"Marked shot","p":120,"img":""},

{"n":"Iced Caramel Latte","d":"Sweet & chilled","p":170,"img":""},

],

"main":[

{"n":"Chicken Salad Bowl","d":"Fresh & hearty","p":220,"img":""},

{"n":"Protein Cookie","d":"Oats & whey","p":90,"img":""},

{"n":"Mini Donuts","d":"Sugar dusted","p":85,"img":""},

]

}},

{"id":"brew-buddy","name":"Brew Buddy","type":"Coffee","img":"","menu":{

"starters":[

{"n":"Banana Bread","d":"Moist slice","p":90,"img":""},

{"n":"Chocolate Chip Cookie","d":"Crispy edges","p":70,"img":""},

{"n":"Tomato Bruschetta","d":"Basil & olive oil","p":150,"img":""},

],

"drinks":[

{"n":"Latte","d":"Silky milk","p":130,"img":""},

{"n":"Affogato","d":"Espresso over ice-cream","p":160,"img":""},

{"n":"Iced Tea","d":"Peach/lemon","p":110,"img":""},

],

"main":[

{"n":"Pesto Pasta (Light)","d":"Basil & pine nuts","p":210,"img":""},

{"n":"Veggie Bowl","d":"Quinoa & greens","p":190,"img":""},

{"n":"Croissant Sandwich","d":"Cheese & tomato","p":170,"img":""},

]

}},

# Cake shop

{"id":"cake-corner","name":"Cake Corner","type":"Cake Shop","img":"","menu":{

"starters":[

{"n":"Tea Cake Slice","d":"Buttery slice","p":80,"img":""},

{"n":"Cupcake Box (2)","d":"Frosted minis","p":120,"img":""},

{"n":"Cake Pops (3)","d":"Fun bites","p":100,"img":""},

],

"drinks":[

{"n":"Hot Chocolate","d":"Rich cocoa","p":140,"img":""},

{"n":"Milkshake","d":"Strawberry/Choco","p":160,"img":""},

{"n":"Coffee","d":"Classic brew","p":90,"img":""},

],

"main":[

{"n":"Chocolate Truffle Cake","d":"Half kg","p":550,"img":""},

{"n":"Red Velvet Cake","d":"Half kg","p":600,"img":""},

{"n":"Fruit Gateau","d":"Half kg","p":580,"img":""},

]

}},

# Boulangerie

{"id":"levain-lab","name":"Levain Lab","type":"Boulangerie","img":"","menu":{

"starters":[

{"n":"French Baguette","d":"Crusty loaf","p":120,"img":""},

{"n":"Sourdough Slice","d":"Naturally leavened","p":130,"img":""},

{"n":"Focaccia","d":"Rosemary & olive","p":150,"img":""},

],

"drinks":[

{"n":"Cafe au Lait","d":"Mellow milk coffee","p":120,"img":""},

{"n":"Sparkling Water","d":"Refreshing","p":60,"img":""},

{"n":"Lemonade","d":"Fresh squeezed","p":80,"img":""},

],

"main":[

{"n":"Ham & Cheese Baguette","d":"Classic Parisian","p":240,"img":""},

{"n":"Veg Paris Sandwich","d":"Tomato, lettuce, brie","p":220,"img":""},

{"n":"Almond Croissant","d":"Frangipane filled","p":140,"img":""},

]

}},

# Patisserie

{"id":"eclair-atelier","name":"Éclair Atelier","type":"Patisserie","img":"","menu":{

"starters":[

{"n":"Mini Éclairs (2)","d":"Chocolate & coffee","p":140,"img":""},

{"n":"Madeleines (5)","d":"Lemon shell cakes","p":120,"img":""},

{"n":"Crème Brûlée","d":"Crackly top","p":180,"img":""},

],

"drinks":[

{"n":"Espresso","d":"Short & bold","p":100,"img":""},

{"n":"French Hot Chocolate","d":"Thick & lush","p":170,"img":""},

{"n":"Tea Selection","d":"Assorted","p":110,"img":""},

],

"main":[

{"n":"Mille-Feuille","d":"Custard layers","p":220,"img":""},

{"n":"Opera Cake","d":"Almond & coffee","p":260,"img":""},

{"n":"Tarte Tatin","d":"Caramel apple tart","p":240,"img":""},

]

}},

# Ramen shop

{"id":"ramen-rush","name":"Ramen Rush","type":"Ramen","img":"","menu":{

"starters":[

{"n":"Gyoza (6)","d":"Pan-fried dumplings","p":180,"img":""},

{"n":"Edamame","d":"Sea salt","p":120,"img":""},

{"n":"Seaweed Salad","d":"Sesame dressing","p":140,"img":""},

],

"drinks":[

{"n":"Green Tea","d":"Hot or iced","p":90,"img":""},

{"n":"Ramune","d":"Japanese soda","p":130,"img":""},

{"n":"Miso Soup","d":"Comforting bowl","p":100,"img":""},

],

"main":[

{"n":"Shoyu Ramen","d":"Soy broth, pork","p":320,"img":""},

{"n":"Tonkotsu Ramen","d":"Rich pork broth","p":360,"img":""},

{"n":"Veg Miso Ramen","d":"Tofu & corn","p":300,"img":""},

]

}},

# Taco Bell style

{"id":"taco-trail","name":"Taco Trail","type":"Tex-Mex","img":"","menu":{

"starters":[

{"n":"Nachos","d":"Cheese & salsa","p":180,"img":""},

{"n":"Quesadilla","d":"Cheese filled","p":190,"img":""},

{"n":"Chips & Guac","d":"Fresh dip","p":160,"img":""},

],

"drinks":[

{"n":"Soda","d":"Assorted","p":60,"img":""},

{"n":"Lime Agua Fresca","d":"Zesty & fresh","p":90,"img":""},

{"n":"Iced Coffee","d":"Light roast","p":110,"img":""},

],

"main":[

{"n":"Tacos (2)","d":"Choose filling","p":220,"img":""},

{"n":"Burrito","d":"Stuffed & wrapped","p":260,"img":""},

{"n":"Loaded Fries","d":"Cheese & jalapeño","p":200,"img":""},

]

}},

# 3 Pizza shops

{"id":"pizza-piazza","name":"Pizza Piazza","type":"Pizza","img":"","menu":{

"starters":[

{"n":"Garlic Bread","d":"Herb butter","p":120,"img":""},

{"n":"Cheesy Sticks","d":"Mozzarella pull","p":160,"img":""},

{"n":"Tomato Soup","d":"Creamy basil","p":130,"img":""},

],

"drinks":[

{"n":"Soft Drink","d":"Assorted","p":60,"img":""},

{"n":"Iced Lemonade","d":"Fresh","p":90,"img":""},

{"n":"Iced Coffee","d":"Classic","p":110,"img":""},

],

"main":[

{"n":"Margherita","d":"Tomato, basil","p":240,"img":""},

{"n":"Pepperoni","d":"Spicy slices","p":290,"img":""},

{"n":"Veggie Supreme","d":"Bell pepper, olive","p":270,"img":""},

]

}},

{"id":"slice-street","name":"Slice Street","type":"Pizza","img":"","menu":{

"starters":[

{"n":"Jalapeño Poppers","d":"Cream cheese","p":170,"img":""},

{"n":"BBQ Wings","d":"Sticky glaze","p":220,"img":""},

{"n":"Greek Salad","d":"Feta & olive","p":180,"img":""},

],

"drinks":[

{"n":"Cola/Fanta/Sprite","d":"Assorted","p":60,"img":""},

{"n":"Mint Mojito","d":"Virgin","p":120,"img":""},

{"n":"Bottled Water","d":"500 ml","p":30,"img":""},

],

"main":[

{"n":"BBQ Chicken","d":"Onion & pepper","p":320,"img":""},

{"n":"Paneer Tikka Pizza","d":"Indian twist","p":310,"img":""},

{"n":"Four Cheese","d":"Cheddar, mozz, more","p":330,"img":""},

]

}},

{"id":"la-pino-like","name":"La Pino Like","type":"Pizza","img":"","menu":{

"starters":[

{"n":"Stuffed Garlic Bread","d":"Cheesy filling","p":190,"img":""},

{"n":"Corn Salad","d":"Sweet corn","p":150,"img":""},

{"n":"Tomato Bruschetta","d":"Basil & garlic","p":150,"img":""},

],

"drinks":[

{"n":"Iced Tea","d":"Peach/lemon","p":110,"img":""},

{"n":"Soda","d":"Assorted","p":60,"img":""},

{"n":"Coffee","d":"Brewed","p":90,"img":""},

],

"main":[

{"n":"Peri Peri Veg","d":"Spicy kick","p":300,"img":""},

{"n":"Farmhouse","d":"Loaded veggies","p":310,"img":""},

{"n":"Chicken Feast","d":"Meaty & hearty","p":340,"img":""},

]

}},

# 4 Fast food

{"id":"burger-barn","name":"Burger Barn","type":"Fast Food","img":"","menu":{

"starters":[

{"n":"Fries","d":"Crispy & salted","p":90,"img":""},

{"n":"Onion Rings","d":"Golden crunch","p":110,"img":""},

{"n":"Cheese Corn Nuggets","d":"Molten bites","p":130,"img":""},

],

"drinks":[

{"n":"Soda","d":"Assorted","p":60,"img":""},

{"n":"Thick Shake","d":"Vanilla/Choco","p":160,"img":""},

{"n":"Iced Coffee","d":"Brewed cold","p":120,"img":""},

],

"main":[

{"n":"Veg Burger","d":"Signature sauce","p":160,"img":""},

{"n":"Chicken Burger","d":"Crispy fillet","p":200,"img":""},

{"n":"Paneer Wrap","d":"Spicy tikka","p":180,"img":""},

]

}},

{"id":"fries-factory","name":"Fries Factory","type":"Fast Food","img":"","menu":{

"starters":[

{"n":"Peri Fries","d":"Spicy dusting","p":110,"img":""},

{"n":"Loaded Nacho Fries","d":"Cheese & salsa","p":160,"img":""},

{"n":"Cheesy Garlic Bread","d":"Pull-apart","p":150,"img":""},

],

"drinks":[

{"n":"Lemon Soda","d":"Sweet/salt","p":70,"img":""},

{"n":"Iced Tea","d":"Peach/lemon","p":110,"img":""},

{"n":"Cold Coffee","d":"Blended","p":130,"img":""},

],

"main":[

{"n":"Double Patty Burger","d":"Extra indulgent","p":240,"img":""},

{"n":"Veggie Hot Dog","d":"Loaded","p":190,"img":""},

{"n":"Chicken Popcorn","d":"Bite-sized","p":180,"img":""},

]

}},

{"id":"wrap-n-roll","name":"Wrap N Roll","type":"Fast Food","img":"","menu":{

"starters":[

{"n":"Cheesy Nachos","d":"Salsa & jalapeño","p":150,"img":""},

{"n":"Corn Cheese Balls","d":"Crispy","p":140,"img":""},

{"n":"Garlic Bread","d":"Herb butter","p":120,"img":""},

],

"drinks":[

{"n":"Smoothie","d":"Berry/banana","p":170,"img":""},

{"n":"Soda","d":"Assorted","p":60,"img":""},

{"n":"Bottled Water","d":"500 ml","p":30,"img":""},

],

"main":[

{"n":"Paneer Kathi Roll","d":"Street style","p":190,"img":""},

{"n":"Chicken Kathi Roll","d":"Spicy & juicy","p":220,"img":""},

{"n":"Falafel Wrap","d":"Hummus & tahini","p":200,"img":""},

]

}},

{"id":"quick-bite","name":"Quick Bite","type":"Fast Food","img":"","menu":{

"starters":[

{"n":"Cheese Fries","d":"Melted topping","p":140,"img":""},

{"n":"Tater Tots","d":"Crispy bites","p":130,"img":""},

{"n":"Chicken Wings","d":"Hot & spicy","p":240,"img":""},

],

"drinks":[

{"n":"Soda","d":"Assorted","p":60,"img":""},

{"n":"Vanilla Shake","d":"Creamy","p":160,"img":""},

{"n":"Iced Latte","d":"Chilled","p":150,"img":""},

],

"main":[

{"n":"Zinger Burger","d":"Crispy chicken","p":230,"img":""},

{"n":"Veg Supreme Burger","d":"All the fixings","p":200,"img":""},

{"n":"Chicken Wrap","d":"Garlic mayo","p":210,"img":""},

]

}},

# 2 Ice cream

{"id":"scoop-station","name":"Scoop Station","type":"Ice Cream","img":"","menu":{

"starters":[

{"n":"Waffle Cone","d":"Fresh baked","p":40,"img":""},

{"n":"Brownie Bits","d":"Add-on","p":50,"img":""},

{"n":"Sprinkles","d":"Add-on","p":30,"img":""},

],

"drinks":[

{"n":"Thick Shake","d":"Chocolate/Vanilla","p":170,"img":""},

{"n":"Floats","d":"Cola + vanilla","p":140,"img":""},

{"n":"Iced Coffee","d":"Sweet","p":120,"img":""},

],

"main":[

{"n":"Single Scoop","d":"Any flavour","p":90,"img":""},

{"n":"Double Scoop","d":"Mix & match","p":140,"img":""},

{"n":"Sundae","d":"Toppings galore","p":180,"img":""},

]

}},

{"id":"frost-fiesta","name":"Frost Fiesta","type":"Ice Cream","img":"","menu":{

"starters":[

{"n":"Chocolate Chips","d":"Add-on","p":30,"img":""},

{"n":"Roasted Nuts","d":"Add-on","p":40,"img":""},

{"n":"Hot Fudge","d":"Add-on","p":40,"img":""},

],

"drinks":[

{"n":"Milkshake","d":"Strawberry/Butterscotch","p":170,"img":""},

{"n":"Affogato","d":"Espresso + scoop","p":180,"img":""},

{"n":"Cold Coffee","d":"Classic","p":120,"img":""},

],

"main":[

{"n":"Single Scoop","d":"Any flavour","p":90,"img":""},

{"n":"Double Scoop","d":"Mix & match","p":140,"img":""},

{"n":"Sundae Boat","d":"3 toppings","p":200,"img":""},

]

}},

# 3 Junk food shops

{"id":"snack-shack","name":"Snack Shack","type":"Junk Food","img":"","menu":{

"starters":[

{"n":"Chips (Large)","d":"Masala/Plain","p":60,"img":""},

{"n":"Nacho Chips","d":"Cheese dust","p":80,"img":""},

{"n":"Popcorn","d":"Salted","p":70,"img":""},

],

"drinks":[

{"n":"Cola","d":"500 ml","p":40,"img":""},

{"n":"Energy Drink","d":"250 ml","p":120,"img":""},

{"n":"Iced Tea","d":"Lemon","p":60,"img":""},

],

"main":[

{"n":"Chocolate Bar","d":"Assorted","p":50,"img":""},

{"n":"Cookie Pack","d":"Assorted","p":60,"img":""},

{"n":"Instant Noodles","d":"Cup","p":70,"img":""},

]

}},

{"id":"chill-chug","name":"Chill & Chug","type":"Junk Food","img":"","menu":{

"starters":[

{"n":"Masala Chips","d":"Spicy","p":60,"img":""},

{"n":"Tortilla Chips","d":"Crunchy","p":70,"img":""},

{"n":"Noodle Cup","d":"Classic masala","p":70,"img":""},

],

"drinks":[

{"n":"Orange Soda","d":"500 ml","p":40,"img":""},

{"n":"Sparkling Water","d":"330 ml","p":50,"img":""},

{"n":"Cold Coffee Can","d":"Ready-to-drink","p":90,"img":""},

],

"main":[

{"n":"Chocolate Assortment","d":"Mini bars","p":90,"img":""},

{"n":"Nutty Bar","d":"Peanut caramel","p":60,"img":""},

{"n":"Cookie Bites","d":"Choco chip","p":65,"img":""},

]

}},

{"id":"grab-n-go","name":"Grab N Go","type":"Junk Food","img":"","menu":{

"starters":[

{"n":"Nacho Tub","d":"Cheese dip","p":100,"img":""},

{"n":"Salted Peanuts","d":"Roasted","p":50,"img":""},

{"n":"Trail Mix","d":"Fruit & nut","p":120,"img":""},

],

"drinks":[

{"n":"Cola / Lemonade","d":"500 ml","p":40,"img":""},

{"n":"Iced Coffee","d":"Sweet","p":120,"img":""},

{"n":"Bottled Water","d":"1 L","p":30,"img":""},

],

"main":[

{"n":"Chocolate Cookies","d":"Pack of 6","p":70,"img":""},

{"n":"Potato Chips","d":"Assorted flavours","p":60,"img":""},

{"n":"Protein Bar","d":"Peanut butter","p":90,"img":""},

]

}},

]

restaurants\_js = "const RESTAURANTS = " + json.dumps(restaurants, ensure\_ascii=False, indent=2) + ";"

# Shared CSS (tailwind-like utility vibe with pure CSS)

base\_css = textwrap.dedent("""

:root{

--bg:#0b1020;

--card:#121936;

--txt:#e9ecf1;

--muted:#9fb0d3;

--pri:#7c5cff;

--pri-2:#00d4ff;

--accent:#22c55e;

}

:root.light{

--bg:#f7f8fc;

--card:#ffffff;

--txt:#0b1020;

--muted:#5a6a8a;

--pri:#5b46e9;

--pri-2:#06b6d4;

--accent:#16a34a;

}

\*{box-sizing:border-box}

html,body{height:100%}

body{

margin:0;font-family:Inter,system-ui,Segoe UI,Arial,sans-serif;

background:linear-gradient(120deg,var(--bg),#0f172a 70%);

color:var(--txt);

}

.container{max-width:1100px;margin:0 auto;padding:24px}

.nav{

position:sticky;top:0;z-index:50;

backdrop-filter: blur(8px);

background:color-mix(in srgb,var(--bg) 70%, transparent);

border-bottom:1px solid color-mix(in srgb, var(--txt) 12%, transparent);

}

.nav .row{display:flex;gap:16px;align-items:center;justify-content:space-between;padding:12px 24px}

.brand{display:flex;gap:10px;align-items:center;font-weight:800;letter-spacing:.5px}

.brand .logo{width:36px;height:36px;border-radius:50%;

background:conic-gradient(from 45deg,var(--pri),var(--pri-2),var(--accent));

box-shadow:0 0 18px color-mix(in srgb,var(--pri) 50%, transparent);

}

.nav a, .nav button{

color:var(--txt);text-decoration:none;border:0;background:transparent;cursor:pointer;

font-weight:600;padding:10px 12px;border-radius:12px

}

.nav a:hover, .nav button:hover{background:color-mix(in srgb,var(--txt) 8%, transparent)}

.menu{display:flex;gap:8px;align-items:center;flex-wrap:wrap}

.dropdown{position:relative}

.dropdown-panel{

display:none;position:absolute;top:44px;left:0;background:var(--card);border:1px solid color-mix(in srgb,var(--txt) 12%, transparent);

border-radius:14px;padding:10px;min-width:240px;box-shadow:0 12px 30px rgba(0,0,0,.3)

}

.dropdown.open .dropdown-panel{display:block}

.dropdown-panel a{display:block;padding:8px 10px;border-radius:10px;margin:2px 0}

.dropdown-panel a:hover{background:color-mix(in srgb,var(--txt) 10%, transparent)}

.hero{

display:grid;grid-template-columns:1.1fr .9fr;gap:24px;align-items:center;padding:28px 24px

}

.hero-card{

background:radial-gradient(1000px 300px at -10% -30%, color-mix(in srgb,var(--pri) 15%, transparent), transparent),

radial-gradient(1000px 300px at 130% 130%, color-mix(in srgb,var(--pri-2) 20%, transparent), transparent),

var(--card);

padding:28px;border-radius:24px;box-shadow:0 24px 80px rgba(0,0,0,.25);border:1px solid color-mix(in srgb,var(--txt) 12%, transparent)

}

.hero h1{margin:0 0 8px;font-size:42px}

.hero p{margin:0 0 14px;color:var(--muted)}

.cta{display:flex;gap:12px;margin-top:10px}

.btn{

background:linear-gradient(135deg,var(--pri),var(--pri-2));

padding:12px 16px;border-radius:14px;color:white;border:0;cursor:pointer;

font-weight:700;box-shadow:0 10px 30px color-mix(in srgb,var(--pri) 30%, transparent);

}

.btn.secondary{background:transparent;color:var(--txt);border:1px solid color-mix(in srgb,var(--txt) 14%, transparent)}

.grid{display:grid;grid-template-columns:repeat(4,1fr);gap:16px}

.card{

background:var(--card);border:1px solid color-mix(in srgb,var(--txt) 12%, transparent);

padding:14px;border-radius:18px;box-shadow:0 10px 30px rgba(0,0,0,.2);

transition:transform .15s ease, box-shadow .15s ease;

}

.card:hover{transform:translateY(-4px);box-shadow:0 14px 40px rgba(0,0,0,.28)}

.card img{width:100%;height:120px;object-fit:cover;border-radius:12px;background:#111}

.card .title{font-weight:800;margin-top:8px}

.tag{display:inline-block;margin-top:6px;font-size:12px;padding:4px 8px;border-radius:999px;background:color-mix(in srgb,var(--txt) 10%, transparent);color:var(--muted)}

.section{margin-top:26px}

.section h2{margin:10px 0}

footer{margin:40px 0;color:var(--muted);text-align:center}

/\* Login modal \*/

.modal{

position:fixed;inset:0;background:rgba(0,0,0,.45);

display:flex;align-items:center;justify-content:center;padding:18px

}

.modal .sheet{

width:min(680px,95vw);background:var(--card);border-radius:22px;padding:22px;border:1px solid color-mix(in srgb,var(--txt) 12%, transparent);

box-shadow:0 30px 100px rgba(0,0,0,.35)

}

.form-row{display:grid;grid-template-columns:1fr 1fr;gap:12px;margin-top:12px}

.input, select{

width:100%;padding:12px 14px;border-radius:12px;border:1px solid color-mix(in srgb,var(--txt) 12%, transparent);

background:transparent;color:var(--txt);outline:none;font-weight:600

}

label{font-size:14px;color:var(--muted)}

.small{font-size:12px;color:var(--muted)}

.hidden{display:none}

.kbd{font-family:ui-monospace, SFMono-Regular, Menlo, Monaco, Consolas, "Liberation Mono", "Courier New", monospace;

font-size:12px;border:1px solid color-mix(in srgb,var(--txt) 16%, transparent);padding:2px 6px;border-radius:6px;color:var(--muted)}

/\* Tables \*/

.table{width:100%;border-collapse:collapse;border:1px solid color-mix(in srgb,var(--txt) 14%, transparent);border-radius:14px;overflow:hidden}

.table th,.table td{padding:10px;border-bottom:1px solid color-mix(in srgb,var(--txt) 12%, transparent);text-align:left}

.badge{display:inline-block;padding:4px 8px;border-radius:10px;background:color-mix(in srgb,var(--accent) 25%, transparent);color:white;font-weight:700}

/\* Google translate container \*/

#google\_translate\_element{padding:6px 10px;border-radius:10px;background:color-mix(in srgb,var(--txt) 10%, transparent)}

/\* Role-specific accent rings \*/

.role-pill{display:inline-flex;gap:8px;align-items:center;border:1px dashed color-mix(in srgb,var(--txt) 18%, transparent);border-radius:999px;padding:6px 10px}

.banner{border:1px solid color-mix(in srgb,var(--txt) 12%, transparent);padding:12px;border-radius:14px;background:color-mix(in srgb,var(--pri) 8%, transparent)}

/\* Responsive \*/

@media (max-width:980px){

.hero{grid-template-columns:1fr}

.grid{grid-template-columns:repeat(2,1fr)}

}

@media (max-width:560px){

.grid{grid-template-columns:1fr}

.form-row{grid-template-columns:1fr}

}

""")

# Base HTML template; role flags handled in JS

def make\_html(role\_key, role\_label, has\_mess, has\_manage):

# Slightly different hero tagline per role

role\_tagline = {

"day-scholar": "Grab-and-go ordering made effortless.",

"hosteller": "Mess bookings + campus-wide ordering in one place.",

"manager": "Run campus dining with insights & control."

}[role\_key]

# Role banner emoji

role\_emoji = {"day-scholar":"🎒","hosteller":"🏠","manager":"🛠️"}[role\_key]

html = f"""<!doctype html>

<html lang="en" class="light">

<head>

<meta charset="utf-8"/>

<meta name="viewport" content="width=device-width, initial-scale=1"/>

<title>Campus Food • {role\_label}</title>

<link rel="stylesheet" href="styles.css"/>

<link rel="preconnect" href="https://fonts.gstatic.com">

<link href="https://fonts.googleapis.com/css2?family=Inter:wght@400;600;800&family=Poppins:wght@400;600;800&family=Rubik:wght@400;600;800&display=swap" rel="stylesheet">

</head>

<body>

<nav class="nav">

<div class="row">

<div class="brand">

<div class="logo"></div>

<div>Campus Food<span class="kbd">beta</span></div>

</div>

<div class="menu">

<div class="dropdown" data-dd="order">

<button>🍽️ ORDER FOOD ▾</button>

<div class="dropdown-panel">

<a href="#" data-action="open-gallery">Browse restaurants</a>

<a href="#" data-action="previous-orders">Previous orders</a>

<a href="#" data-action="popular-spots">Popular spots</a>

<a href="#" data-action="book-table">Book a table</a>

<a href="#" data-action="coupons">Coupons</a>

<a href="#" data-action="wallet">Wallet</a>

<a href="#" data-action="payment-modes">Payment modes</a>

</div>

</div>

{"<div class='dropdown' data-dd='mess'><button>🏷️ MESS FOOD ▾</button><div class='dropdown-panel'><a href='#' data-action='book-mess'>Book mess food</a><a href='#' data-action='cancel-mess'>Cancel mess meal</a><a href='#' data-action='group-mess'>Book for multiple</a><a href='#' data-action='mess-history'>Payment history</a></div></div>" if has\_mess else ""}

{"<div class='dropdown' data-dd='manage'><button>🧰 MANAGE ▾</button><div class='dropdown-panel'><a href='#' data-action='manage' data-scope='day'>Day-Scholar</a><a href='#' data-action='manage' data-scope='hostel'>Hosteller</a><a href='#' data-action='manage' data-scope='staff'>Staff</a></div></div>" if has\_manage else ""}

<a href="#" data-action="info">Information</a>

<a href="#" data-action="howto">How to order</a>

<button id="modeToggle">☀️/🌙</button>

<a href="#" data-action="login-again">Login again</a>

<a href="#" data-action="about">About creators</a>

<div id="google\_translate\_element"></div>

</div>

</div>

</nav>

<div class="container">

<section class="hero">

<div class="hero-card">

<div class="role-pill">{role\_emoji} <strong>{role\_label}</strong> mode</div>

<h1>Campus Food Management</h1>

<p>{role\_tagline}</p>

<div class="cta">

<button class="btn" id="ctaStartOrder">Start ordering</button>

{"<button class='btn secondary' id='ctaMess'>Book Mess</button>" if has\_mess else ""}

{"<button class='btn secondary' id='ctaManage'>Open Manager Dashboard</button>" if has\_manage else ""}

</div>

<div class="banner" style="margin-top:14px">

Tip: Use the <b>Translate</b> drop-down on the right to view content in Hindi, French, Punjabi or Japanese.

</div>

</div>

<div class="hero-card">

<h3>What this website does</h3>

<ul>

<li>Order from 24 curated campus restaurants and cafés.</li>

<li>Smart cart & multi-step payments flow.</li>

<li>View previous orders, coupons and wallet.</li>

{"<li>Hostellers: Book/cancel mess, reserve seats, manage subscriptions.</li>" if has\_mess else ""}

{"<li>Managers: Staff roles, shifts, analytics dashboard.</li>" if has\_manage else ""}

</ul>

<p class="small">Pretty placeholders are ready for images — just set the <code>src</code> on <code>&lt;img&gt;</code> tags later.</p>

</div>

</section>

<section class="section" id="gallerySection">

<h2>Restaurants & Shops</h2>

<div id="gallery" class="grid"></div>

</section>

<section class="section">

<h2>Benefits</h2>

<div class="grid">

<div class="card"><div class="title">⚡ Fast</div><p class="small">Skip queues, order in a few taps.</p></div>

<div class="card"><div class="title">🎯 Accurate</div><p class="small">Clear menus with descriptions & prices.</p></div>

<div class="card"><div class="title">🪄 Helpful</div><p class="small">Coupons, wallet, and previous orders.</p></div>

<div class="card"><div class="title">🔒 Secure</div><p class="small">Role-based access & re-login.</p></div>

</div>

</section>

<footer>© {datetime.datetime.now().year} Campus Food • All rights reserved.</footer>

</div>

<!-- Login Modal -->

<div class="modal" id="loginModal">

<div class="sheet">

<h2>Welcome • {role\_label} Login</h2>

<p class="small">Enter your details to continue.</p>

<div class="form-row">

<div><label>Name</label><input class="input" id="inpName" placeholder="Your full name"/></div>

<div><label>Roll Number</label><input class="input" id="inpRoll" placeholder="e.g. 23CS001"/></div>

</div>

<div class="form-row">

<div>

<label>Role</label>

<select id="inpRole" class="input">

<option selected>{role\_label}</option>

</select>

<p class="small">This page is dedicated to the <b>{role\_label}</b> portal. Separate login pages exist for other roles.</p>

</div>

<div style="display:flex;align-items:flex-end;justify-content:flex-end">

<button class="btn" id="btnLogin">Continue</button>

</div>

</div>

</div>

</div>

<script src="app.js"></script>

<!-- Google Translate widget -->

<script type="text/javascript">

function googleTranslateElementInit() {{

new google.translate.TranslateElement({{pageLanguage: 'en', includedLanguages:'hi,fr,pa,ja'}}, 'google\_translate\_element');

}}

</script>

<script src="https://translate.google.com/translate\_a/element.js?cb=googleTranslateElementInit"></script>

</body>

</html>

"""

return html

# Shared JS that powers galleries, menu windows, cart, payments, hosteller mess, manager dashboards

def make\_js(role\_key, role\_label, has\_mess, has\_manage):

fonts\_for\_manage = {

"day": "'Poppins',sans-serif",

"hostel": "'Rubik',sans-serif",

"staff": "'Inter',sans-serif",

}

js = f"""

{restaurants\_js}

const STATE = {{

role: "{role\_label}",

user: null,

cart: [],

orders: [],

wallet: 500, // starter credit

}};

const $ = (q,root=document) => root.querySelector(q);

const $$ = (q,root=document) => [...root.querySelectorAll(q)];

function toast(msg){{ alert(msg); }} // simple placeholder

// Theme toggle

const modeToggle = $("#modeToggle");

modeToggle?.addEventListener("click",()=>{{

const html=document.documentElement;

html.classList.toggle("light");

modeToggle.textContent = html.classList.contains("light") ? "☀️" : "🌙";

}});

// Login

$("#btnLogin").addEventListener("click",()=>{{

const name = $("#inpName").value.trim();

const roll = $("#inpRoll").value.trim();

if(!name || !roll) return toast("Please enter name and roll number.");

STATE.user = {{name, roll, role: STATE.role}};

$("#loginModal").classList.add("hidden");

toast(`Welcome, ${{name}}!`);

}});

// CTA buttons

$("#ctaStartOrder").addEventListener("click",()=>openGallery());

$("#ctaMess")?.addEventListener("click",()=>openMessBooking());

$("#ctaManage")?.addEventListener("click",()=>openManage('day'));

// Dropdown logic

$$(".dropdown > button").forEach(btn=>{{

btn.addEventListener("click", e=>{{

const dd = btn.parentElement;

dd.classList.toggle("open");

// close others

$$(".dropdown").forEach(d=> d===dd?null:d.classList.remove("open"));

}});

}});

document.addEventListener("click", (e)=>{{

if(!e.target.closest(".dropdown")) $$(".dropdown").forEach(d=>d.classList.remove("open"));

}});

// Menu actions

document.addEventListener("click",(e)=>{{

const a = e.target.closest("[data-action]");

if(!a) return;

e.preventDefault();

const action = a.getAttribute("data-action");

if(action==="open-gallery") openGallery();

if(action==="previous-orders") openPreviousOrders();

if(action==="popular-spots") showPopular();

if(action==="book-table") bookTable();

if(action==="coupons") openCoupons();

if(action==="wallet") openWallet();

if(action==="payment-modes") openPaymentModes();

if(action==="info") showInfo();

if(action==="howto") showHowTo();

if(action==="login-again") reLogin();

if(action==="about") aboutCreators();

if(action==="book-mess") openMessBooking();

if(action==="cancel-mess") openMessCancel();

if(action==="group-mess") openMessGroup();

if(action==="mess-history") openMessHistory();

if(action==="manage") openManage(a.dataset.scope);

}});

// Build gallery

function cardHtml(r){{

return `<div class="card">

<img src="${{r.img}}" alt="${{r.name}} image placeholder"/>

<div class="title">${{r.name}}</div>

<div class="small">${{r.type}}</div>

<div class="tag">Open now</div>

<div style="margin-top:8px;display:flex;gap:8px;flex-wrap:wrap">

<button class="btn" onclick="openMenuWindow('${{r.id}}')">Explore menu</button>

<button class="btn secondary" onclick="openRestaurant('${{r.id}}')">View details</button>

</div>

</div>`;

}}

function renderGallery(){{

$("#gallery").innerHTML = RESTAURANTS.map(cardHtml).join("");

}}

function openGallery(){{

document.getElementById("gallerySection").scrollIntoView({{behavior:"smooth"}});

}}

renderGallery();

// --- Menu new-tab windows ---

function openRestaurant(id){{

// simple details page

const rest = RESTAURANTS.find(r=>r.id===id);

const w = window.open("", "\_blank");

const html = `<!doctype html><html><head><title>${{rest.name}}</title>

<link rel="preconnect" href="https://fonts.gstatic.com">

<link href="https://fonts.googleapis.com/css2?family=Inter:wght@400;600;800&display=swap" rel="stylesheet">

<style>{openWindowStyles()}</style></head>

<body>

<header class="header" style="background-image:url('${{rest.img}}')">

<div class="overlay"></div>

<div class="inner">

<h1>${{rest.name}}</h1><p class="pill">${{rest.type}}</p>

<button onclick="window.close()" class="chip">Close</button>

</div>

</header>

<main class="wrap">

<p>This is the detail page. Click below to explore the full menu.</p>

<button onclick="window.location.href='about:blank'" class="btn">Open empty tab</button>

<button onclick="window.menu && window.menu()" class="btn">Explore Menu</button>

</main>

<script>window.menu = function(){{ window.opener.openMenuWindow('{id}'); }};</script>

</body></html>`;

w.document.open(); w.document.write(html); w.document.close();

}}

function openMenuWindow(id){{

const rest = RESTAURANTS.find(r=>r.id===id);

const w = window.open("", "\_blank");

const itemsBlock = (section, items)=>`

<section id="${{section}}">

<h2>${{cap(section)}}</h2>

${{items.map(it=>`<div class='row'>

<img src='${{it.img}}' alt='${{it.n}} image placeholder'/>

<div class='meta'><div class='n'>${{it.n}}</div><div class='d'>${{it.d}}</div></div>

<div class='price'>₹${{it.p}}</div>

<button class='add' onclick='window.opener.addToCart({{id:"${{id}}", rest:"${{rest.name}}", item:"${{it.n}}", price:${{it.p}} }}); this.textContent="✓ Added";'>Add</button>

</div>`).join("")}}

</section>`;

const html = `<!doctype html><html><head><title>${{rest.name}} • Menu</title>

<link rel="preconnect" href="https://fonts.gstatic.com">

<link href="https://fonts.googleapis.com/css2?family=Inter:wght@400;600;800&display=swap" rel="stylesheet">

<style>{openWindowStyles()}</style></head>

<body>

<header class="header" style="background-image:url('${{rest.img}}')">

<div class="overlay"></div>

<div class="inner">

<h1>${{rest.name}}</h1><p class="pill">${{rest.type}}</p>

<nav class="tabs">

<a href="#starters">Starters</a>

<a href="#drinks">Drinks</a>

<a href="#main">Main Course</a>

<a href="#" onclick="window.opener && window.opener.openCart();return false;" class="cart">Open Cart 🛒</a>

</nav>

</div>

</header>

<main class="wrap">

${itemsBlock("starters", rest.menu.starters)}

${itemsBlock("drinks", rest.menu.drinks)}

${itemsBlock("main", rest.menu.main)}

</main>

</body></html>`;

w.document.open(); w.document.write(html); w.document.close();

}}

function openWindowStyles(){{

return `

:root{{--bg:#0b1020;--txt:#eef2ff;--pri:#7c5cff}}

body{{margin:0;font-family:Inter,system-ui;background:linear-gradient(120deg,#0b1020,#101828);color:var(--txt)}}

.header{{min-height:38vh;background-size:cover;background-position:center;position:relative}}

.overlay{{position:absolute;inset:0;background:linear-gradient(180deg,rgba(0,0,0,.5),rgba(0,0,0,.75))}}

.inner{{position:absolute;inset:0;display:flex;flex-direction:column;justify-content:flex-end;padding:24px 20px;gap:10px}}

.pill{{display:inline-block;background:rgba(255,255,255,.2);padding:6px 10px;border-radius:999px}}

.tabs a{{color:white;text-decoration:none;margin-right:10px;font-weight:700}}

.wrap{{max-width:980px;margin:0 auto;padding:20px}}

section h2{{margin-top:20px}}

.row{{display:grid;grid-template-columns:90px 1fr auto auto;gap:12px;align-items:center;padding:8px 0;border-bottom:1px solid rgba(255,255,255,.12)}}

.row img{{width:90px;height:64px;object-fit:cover;border-radius:10px;background:#111}}

.row .n{{font-weight:800}}

.row .d{{opacity:.8;font-size:14px}}

.price{{font-weight:800}}

.add{{background:linear-gradient(135deg,var(--pri),#00d4ff);border:0;color:white;padding:8px 10px;border-radius:10px;cursor:pointer}}

`;

}}

function cap(s){{return s[0].toUpperCase()+s.slice(1);}}

// --- Cart & Payments ---

window.addToCart = function(item){{

STATE.cart.push(item);

}};

window.openCart = function(){{

const w = window.open("", "\_blank");

const total = STATE.cart.reduce((a,c)=>a+c.price,0);

const items = STATE.cart.map((it,i)=>`<tr><td>${{i+1}}</td><td>${{it.rest}}</td><td>${{it.item}}</td><td>₹${{it.price}}</td></tr>`).join("");

const html = `<!doctype html><html><head><title>Cart</title><style>

body{{font-family:Inter,system-ui;background:#0b1020;color:#eef2ff;margin:0}}

.wrap{{max-width:900px;margin:0 auto;padding:22px}}

table{{width:100%;border-collapse:collapse}}

th,td{{padding:10px;border-bottom:1px solid rgba(255,255,255,.15)}}

.total{{text-align:right;font-weight:800}}

.btn{{background:linear-gradient(135deg,#7c5cff,#00d4ff);border:0;color:white;padding:12px 14px;border-radius:12px;cursor:pointer}}

</style></head><body>

<div class="wrap">

<h1>🛒 Your Cart</h1>

<table><thead><tr><th>#</th><th>Restaurant</th><th>Item</th><th>Price</th></tr></thead><tbody>${{items}}</tbody></table>

<p class="total">Total: ₹${{total}}</p>

<button class="btn" onclick="window.opener.openPayments(${total});">Proceed to Payment</button>

</div>

</body></html>`;

w.document.open(); w.document.write(html); w.document.close();

}};

window.openPayments = function(amount){{

const w = window.open("", "\_blank");

const html = `<!doctype html><html><head><title>Payment</title><style>

body{{font-family:Inter,system-ui;background:#0b1020;color:#eef2ff;margin:0}}

.wrap{{max-width:900px;margin:0 auto;padding:22px}}

.grid{{display:grid;grid-template-columns:repeat(2,1fr);gap:14px}}

.card{{border:1px solid rgba(255,255,255,.15);border-radius:14px;padding:14px;background:#121936}}

button{{margin-top:8px;border:0;background:linear-gradient(135deg,#7c5cff,#00d4ff);color:white;padding:10px 12px;border-radius:10px;cursor:pointer}}

</style></head><body>

<div class="wrap">

<h1>💳 Select a payment mode</h1>

<p>Amount payable: <b>₹${{amount}}</b></p>

<div class="grid">

<div class="card"><h3>UPI</h3><p>Pay via UPI apps</p><button onclick="done('UPI')">Pay</button></div>

<div class="card"><h3>Card</h3><p>Visa/Mastercard</p><button onclick="done('Card')">Pay</button></div>

<div class="card"><h3>Wallet</h3><p>Campus wallet</p><button onclick="done('Wallet')">Pay</button></div>

<div class="card"><h3>Cash</h3><p>Pay at counter</p><button onclick="done('Cash')">Confirm</button></div>

</div>

</div>

<script>

function done(mode){{

window.opener && window.opener.paymentDone(mode, {amount:{amount}});

document.body.innerHTML = '<div class="wrap"><h1>✅ Payment successful</h1><p>Mode: '+mode+'</p><button onclick="window.close()">Close</button></div>';

}}

</script>

</body></html>`;

w.document.open(); w.document.write(html); w.document.close();

}};

window.paymentDone = function(mode, info){{

const total = STATE.cart.reduce((a,c)=>a+c.price,0);

STATE.orders.push({{when:new Date().toISOString(), mode, total, items:[...STATE.cart]}});

STATE.wallet = Math.max(0, STATE.wallet - (mode==='Wallet'? total : 0));

STATE.cart = [];

alert("Order placed! Payment mode: "+mode);

}};

// Previous orders

function openPreviousOrders(){{

const w=window.open("","\_blank");

const rows = STATE.orders.map((o,i)=>`<tr><td>${{i+1}}</td><td>${{new Date(o.when).toLocaleString()}}</td><td>${{o.mode}}</td><td>₹${{o.total}}</td><td>${{o.items.length}}</td></tr>`).join("");

w.document.write(`<!doctype html><html><head><title>Previous Orders</title><style>

body{{font-family:Inter,system-ui;background:#0b1020;color:#eef2ff;margin:0}}

.wrap{{max-width:900px;margin:0 auto;padding:22px}}

table{{width:100%;border-collapse:collapse}}

th,td{{padding:10px;border-bottom:1px solid rgba(255,255,255,.15)}}

</style></head><body><div class='wrap'>

<h1>🧾 Previous Orders</h1>

<table><thead><tr><th>#</th><th>When</th><th>Mode</th><th>Total</th><th>Items</th></tr></thead><tbody>${{rows || "<tr><td colspan=5>No orders yet</td></tr>"}}</tbody></table>

</div></body></html>`);

w.document.close();

}}

// Popular spots (mocked)

function showPopular(){{

const byType = RESTAURANTS.reduce((acc,r)=>{{acc[r.type]=(acc[r.type]||0)+Math.floor(Math.random()\*50+10);return acc;}},{{}});

alert("Today's popular categories:\\n"+Object.entries(byType).map(([k,v])=>`• ${{k}} — ${{v}} orders`).join("\\n"));

}}

// Book table (simple form)

function bookTable(){{

const name = prompt("Name for reservation?");

const size = prompt("Party size? (1-10)");

if(name && size) alert(`Table booked for ${{name}} • ${{size}} people`);

}}

function openCoupons(){{

alert("Available coupons:\\n• FRESH50 (₹50 off)\\n• FIRST100 (₹100 off on ₹499+)\\n• MEALPASS10 (10% off Mess)");

}}

function openWallet(){{

alert("Your campus wallet balance: ₹"+STATE.wallet);

}}

function openPaymentModes(){{

alert("Supported: UPI, Card, Wallet, Cash");

}}

function showInfo(){{

alert("Info: This app helps students and staff order food, manage mess bookings, and for managers to operate dining at scale.");

}}

function showHowTo(){{

alert("How to order: Browse restaurants → Explore menu → Add to cart → Open Cart → Proceed to Payment.");

}}

function reLogin(){{

$("#loginModal").classList.remove("hidden");

}}

function aboutCreators(){{

alert("Built by your team. Add bios & images later in About section.");

}}

// --- Hosteller Mess features ---

function openMessBooking(){{

const w = window.open("", "\_blank");

const meals = ["Breakfast","Lunch","Dinner"];

const options = Array.from({{length:10}}, (\_,i)=>`Option ${{i+1}}`);

const html = `<!doctype html><html><head><title>Mess Booking</title><style>

body{{font-family:Inter,system-ui;background:#0b1020;color:#eef2ff;margin:0}}

.wrap{{max-width:900px;margin:0 auto;padding:22px}}

select,input{{padding:8px;border-radius:8px;border:1px solid rgba(255,255,255,.2);background:transparent;color:#eef2ff}}

.row{{display:grid;grid-template-columns:1fr 1fr;gap:12px;margin:10px 0}}

button{{border:0;background:linear-gradient(135deg,#7c5cff,#00d4ff);color:white;padding:10px 12px;border-radius:10px;cursor:pointer}}

</style></head><body><div class="wrap">

<h1>🏷️ Book Mess Food</h1>

<div class="row">

<div>

<label>Meal</label>

<select id="meal">${{meals.map(m=>`<option>${{m}}</option>`).join("")}}</select>

</div>

<div>

<label>Choose menu</label>

<select id="menu">${{options.map(o=>`<option>${{o}}</option>`).join("")}}</select>

</div>

</div>

<div class="row">

<div><label>Date</label><input type="date" id="date"/></div>

<div><label>Time</label><input type="time" id="time"/></div>

</div>

<button onclick="book()">Book seat</button>

<div id="out" style="margin-top:12px"></div>

<script>

function book(){{

const seat = Math.floor(Math.random()\*1000)+1;

const v = (id)=>document.getElementById(id).value;

document.getElementById('out').innerHTML = '<p>✅ Booked '+v('meal')+' • '+v('menu')+' at '+v('time')+' on '+v('date')+'. Seat: <b>#'+seat+'</b></p>';

window.opener && window.opener.saveMessHistory({{meal:v('meal'), menu:v('menu'), time:v('time'), date:v('date'), seat}});

}}

</script>

</div></body></html>`;

w.document.open(); w.document.write(html); w.document.close();

}}

function openMessCancel(){{

const meal = prompt("Cancel which meal? (Breakfast/Lunch/Dinner)");

if(meal) alert("Cancelled "+meal+" for today.");

}}

function openMessGroup(){{

const count = prompt("Number of additional people?");

if(!count) return;

let names = [];

for(let i=0;i<Number(count);i++) names.push(prompt("Enter name for guest #"+(i+1)));

alert("Group mess booking confirmed for "+names.filter(Boolean).length+" guests.");

}}

const MESS\_HISTORY = [];

function saveMessHistory(entry){{ MESS\_HISTORY.push(entry); }}

function openMessHistory(){{

if(!MESS\_HISTORY.length) return alert("No mess payments yet.");

const lines = MESS\_HISTORY.map(m=>`• ${{m.date}} ${{m.time}} — ${{m.meal}} • Seat #${{m.seat}}`).join("\\n");

alert("Mess bookings/payment history:\\n"+lines+"\\nSubscription valid: 28 days remaining");

}}

// --- Manager features ---

function openManage(scope){{

const fontMap = {{"day": {fonts\_for\_manage["day"]}, "hostel": {fonts\_for\_manage["hostel"]}, "staff": {fonts\_for\_manage["staff"]}}};

const stats = getManagerStats(scope);

const w = window.open("", "\_blank");

const html = `<!doctype html><html><head><title>Manage ${'{'}${{scope}}{'}'}</title><style>

:root{{--bg:#0b1020;--txt:#eef2ff;--pri:#7c5cff}}

body{{margin:0;background:#0b1020;color:#eef2ff;font-family:${{fontMap[scope]}}}}

.wrap{{max-width:1100px;margin:0 auto;padding:22px}}

.grid{{display:grid;grid-template-columns:repeat(4,1fr);gap:12px}}

.card{{background:#121936;border:1px solid rgba(255,255,255,.15);border-radius:14px;padding:14px}}

.wide{{grid-column: span 2}}

table{{width:100%;border-collapse:collapse}}

th,td{{padding:8px;border-bottom:1px solid rgba(255,255,255,.15);text-align:left}}

.row{{display:grid;grid-template-columns:1fr 1fr 1fr;gap:10px}}

input,select{{padding:8px;border-radius:8px;border:1px solid rgba(255,255,255,.2);background:transparent;color:#eef2ff}}

button{{border:0;background:linear-gradient(135deg,#7c5cff,#00d4ff);color:white;padding:10px 12px;border-radius:10px;cursor:pointer}}

</style></head><body>

<div class="wrap">

<h1>🧰 Manage • ${{scope.toUpperCase()}}</h1>

<div class="grid">

<div class="card"><h3>Daily Sales</h3><div style="font-size:28px;font-weight:800">₹${{stats.sales}}</div></div>

<div class="card"><h3>Popular Dish</h3><div style="font-size:22px;font-weight:800">${{stats.popular}}</div></div>

<div class="card"><h3>Total Served</h3><div style="font-size:28px;font-weight:800">${{stats.served}}</div></div>

<div class="card"><h3>Active Staff</h3><div style="font-size:28px;font-weight:800">${{stats.staff}}</div></div>

<div class="card wide"><h3>Staff Management</h3>

<div class="row">

<input placeholder="Name"/>

<select><option>Chef</option><option>Waiter</option><option>Admin</option></select>

<select><option>Morning</option><option>Evening</option><option>Night</option></select>

</div>

<button style="margin-top:8px">Add / Update</button>

</div>

<div class="card wide"><h3>Customer Feedback (sample)</h3>

<table><thead><tr><th>Order #</th><th>Rating</th><th>Feedback</th></tr></thead>

<tbody>

<tr><td>10421</td><td>4.5</td><td>Great taste and quick service.</td></tr>

<tr><td>10422</td><td>3.8</td><td>Could be hotter.</td></tr>

</tbody>

</table>

</div>

</div>

</div>

</body></html>`;

w.document.open(); w.document.write(html); w.document.close();

}}

function getManagerStats(scope){{

// base: 20k students (7k day scholars, 13k hostellers)

const base = {{day:7000, hostel:13000, staff:250}}[scope];

const served = Math.floor(base \* (0.15 + Math.random()\*0.35));

const sales = served \* (120 + Math.floor(Math.random()\*180));

const popular = ["Butter Chicken","Margherita","Shoyu Ramen","Mango Lassi","Veg Burger"][Math.floor(Math.random()\*5)];

const staff = scope==='staff' ? 250 : 120 + Math.floor(Math.random()\*60);

return {{served, sales, popular, staff}};

}}

"""

return js

for role in roles:

dir\_path = os.path.join(base\_dir, role["key"])

os.makedirs(dir\_path, exist\_ok=True)

with open(os.path.join(dir\_path, "styles.css"), "w", encoding="utf-8") as f:

f.write(base\_css)

with open(os.path.join(dir\_path, "index.html"), "w", encoding="utf-8") as f:

f.write(make\_html(role["key"], role["label"], role["has\_mess"], role["has\_manage"]))

with open(os.path.join(dir\_path, "app.js"), "w", encoding="utf-8") as f:

f.write(make\_js(role["key"], role["label"], role["has\_mess"], role["has\_manage"]))

# Zip the project

zip\_path = "/mnt/data/food-management-starter.zip"

with zipfile.ZipFile(zip\_path, "w", zipfile.ZIP\_DEFLATED) as z:

for folder, \_, files in os.walk(base\_dir):

for fn in files:

abspath = os.path.join(folder, fn)

rel = os.path.relpath(abspath, "/mnt/data")

z.write(abspath, rel)

zip\_path