

# HOW THE NEEDS OF BUDGETWISE SOLUTIONS

**The main points in the presentation will include:**

1. STAKEHOLDERS.
2. FUNCTIONAL AND NON-FUNCTIONAL REQUIREMENTS.
3. DIFFICULTIES ENCOUNTERED.
4. PLATFORM AND FEATURES.
5. RISK ANALYSIS.



# Stakeholder Presentation in Project

## INVESTORS WANTS

- ENSURE PROFITS FROM THE PROJECT.
- REQUIRE REGULAR REPORTS ON PROGRESS AND COSTS.
- WANT TO SEE CLEAR ROI (RETURN ON INVESTMENT) INDICATORS.

## PROJECT MANAGERS WANTS

- CONTROL PROJECT PROGRESS TO ENSURE TIMELY COMPLETION.
- MANAGE THE BUDGET EFFECTIVELY, WITHOUT EXCEEDING PROJECTED COSTS.
- ORGANIZE REGULAR MEETINGS TO UPDATE PROJECT STATUS.

## CUSTOMERS WANTS

- PRODUCTS THAT MEET THEIR NEEDS AND EXPECTATIONS.
- HIGH-QUALITY PRODUCTS WITH NO DEFECTS.
- QUICK AND EFFECTIVE CUSTOMER SUPPORT SERVICES.

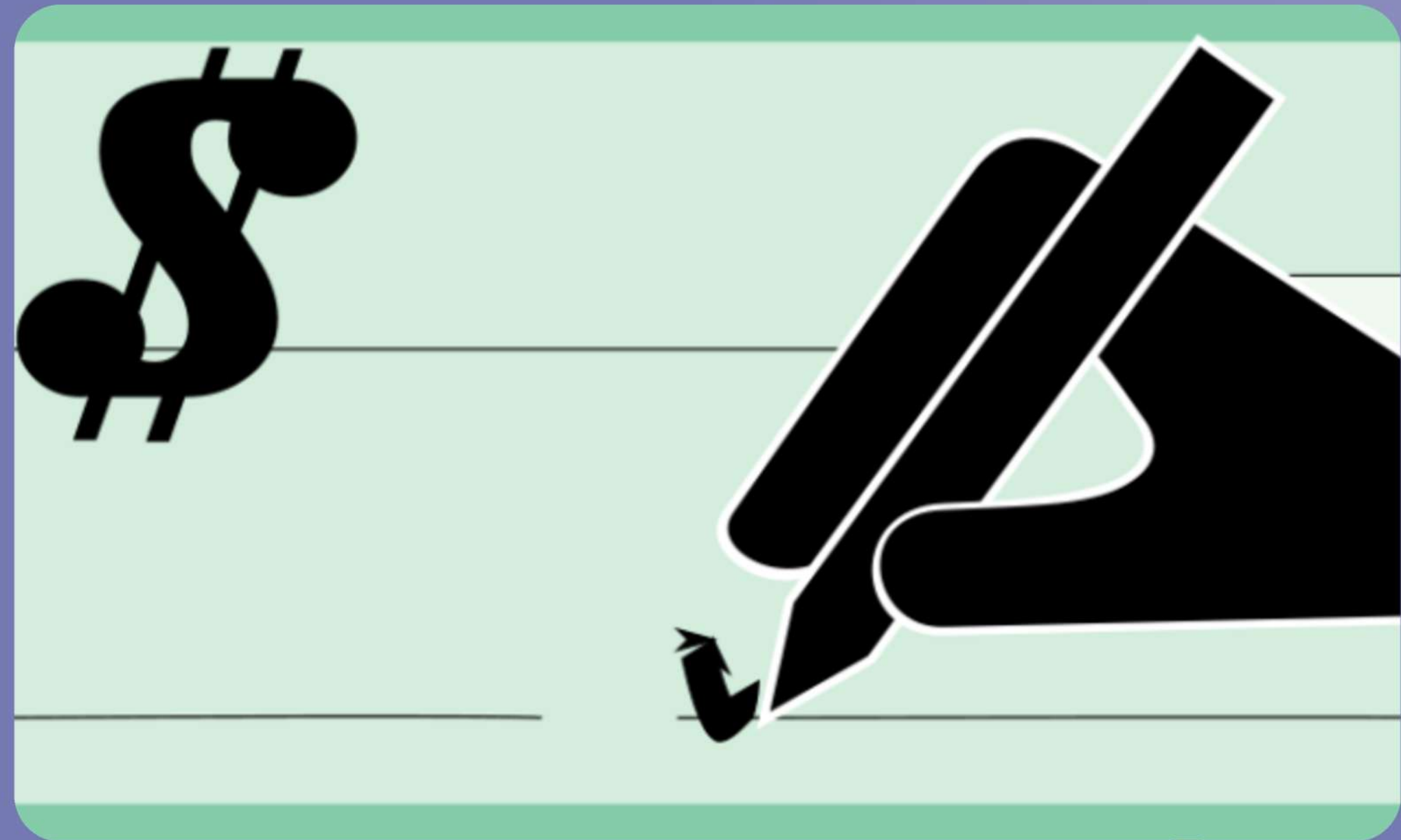




# Stakeholder Presentation in Project

## PROPOSED BUDGET

- **ALLOCATE BUDGET FOR EACH PHASE OF THE PROJECT.**
- **ANTICIPATE ADDITIONAL EXPENSES (PERSONNEL, TECHNOLOGY, MARKETING).**
  - **PERSONNEL COSTS**
  - **TECHNOLOGY COSTS**
  - **OTHER COSTS**
- **PREPARE CONTINGENCY PLANS FOR FINANCIAL RISKS.**
  - **CONTINGENCY: ADD ABOUT 10–15% OF YOUR TOTAL BUDGET TO COVER UNFORESEEN EXPENSES.**







# Functional Requirement and Non Functional Requirements

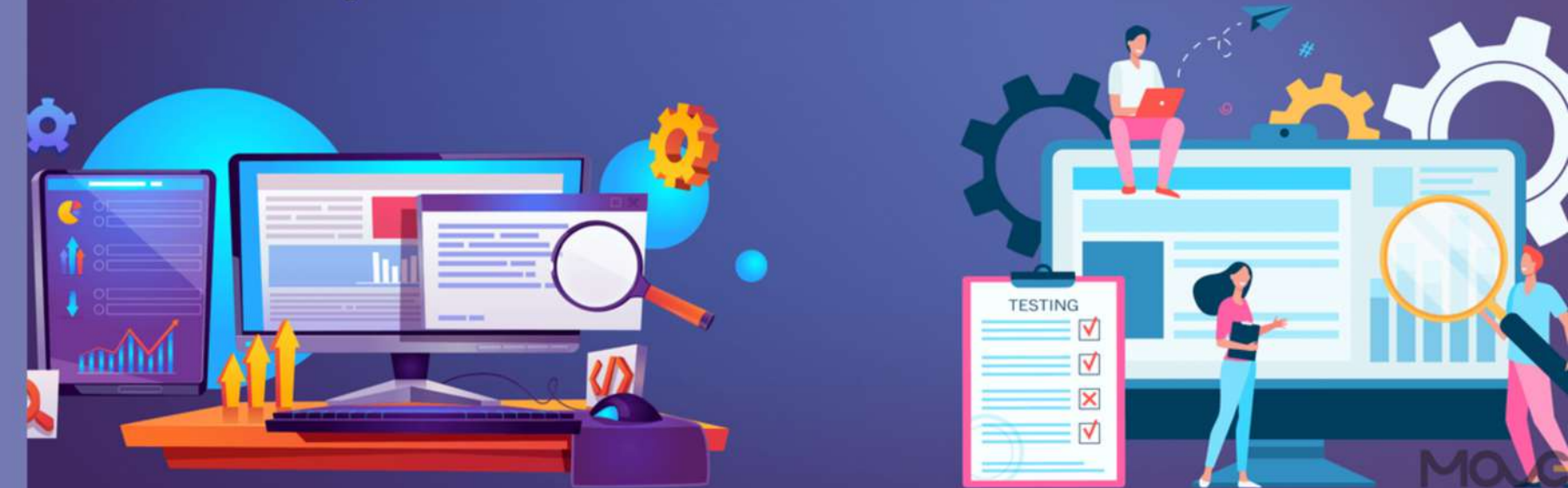
## FUNCTIONAL REQUIREMENT

- USER LOGIN AND ACCOUNT MANAGEMENT.
- DATA MANAGEMENT (ADD, EDIT, DELETE).
- GENERATE REPORTS AND ANALYZE DATA.
- NOTIFICATION AND REMINDER FEATURES.

## NON – FUNCTIONAL REQUIREMENT

- RELIABILITY: THE SYSTEM MUST OPERATE CONTINUOUSLY WITHOUT INTERRUPTION.
- SCALABILITY: EASILY ADD NEW FEATURES IN THE FUTURE.
- PERFORMANCE: RESPONSE TIME UNDER 2 SECONDS FOR BASIC OPERATIONS.
- SECURITY: ENCRYPT SENSITIVE DATA AND IMPLEMENT STRONG USER AUTHENTICATION.

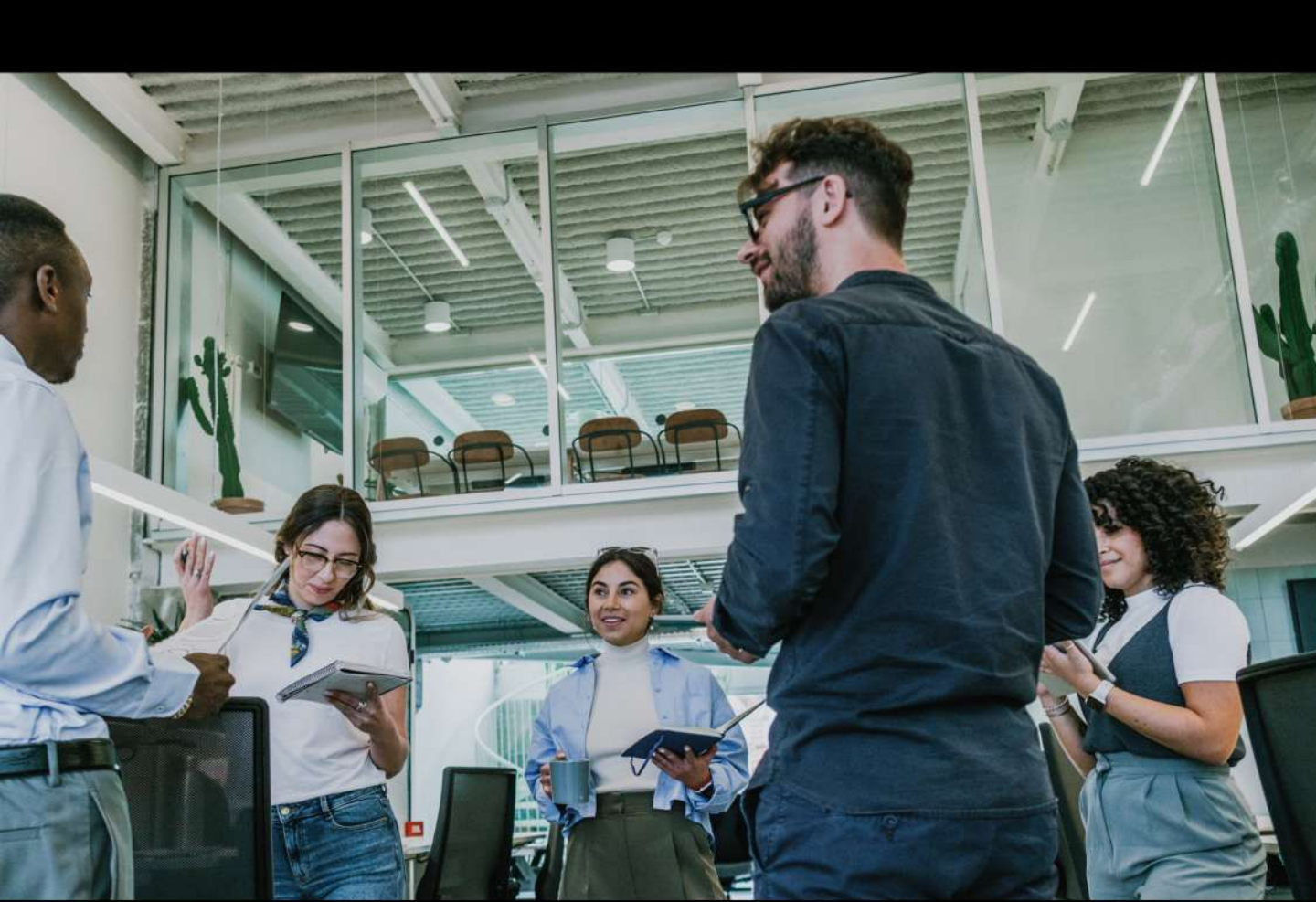
## UNDERSTANDING FUNCTIONAL AND NON-FUNCTIONAL REQUIREMENTS IN APP DEVELOPMENT





# Difficulties encountered

## DIFFICULTIES ENCOUNTERED IN THIS PROJECT



- **INEXPERIENCED STAFF: BECAUSE THEY ARE STILL STUDENTS AND DO NOT HAVE MUCH EXPERIENCE, THEY ARE STILL BEHIND SCHEDULE AND MAKE SMALL MISTAKES.**
- **SOLUTION:**
  - **ORGANIZE REGULAR TRAINING SESSIONS.**
  - **ASSIGN EXPERIENCED STAFF TO GUIDE NEW STAFF.**
- **POOR BUDGET CALCULATION: STILL NOT OPTIMALLY CONTROLLING HUMAN AND FINANCIAL COSTS**
- **SOLUTION:**
  - **CONDUCT MORE DETAILED COST ANALYSIS.**
  - **CREATE MONTHLY BUDGET REPORTS TO MONITOR AND ADJUST IN TIME.**
- **THE TEAM IS WORKING TOGETHER FOR THE FIRST TIME, SO THERE ARE STILL MANY THINGS THAT ARE NOT GOOD AT TEAMWORK**
- **SOLUTION:**
  - **ORGANIZE TEAM BUILDING ACTIVITIES.**
  - **ENCOURAGE COMMUNICATION AND COLLABORATION IN THE WORKPLACE.**





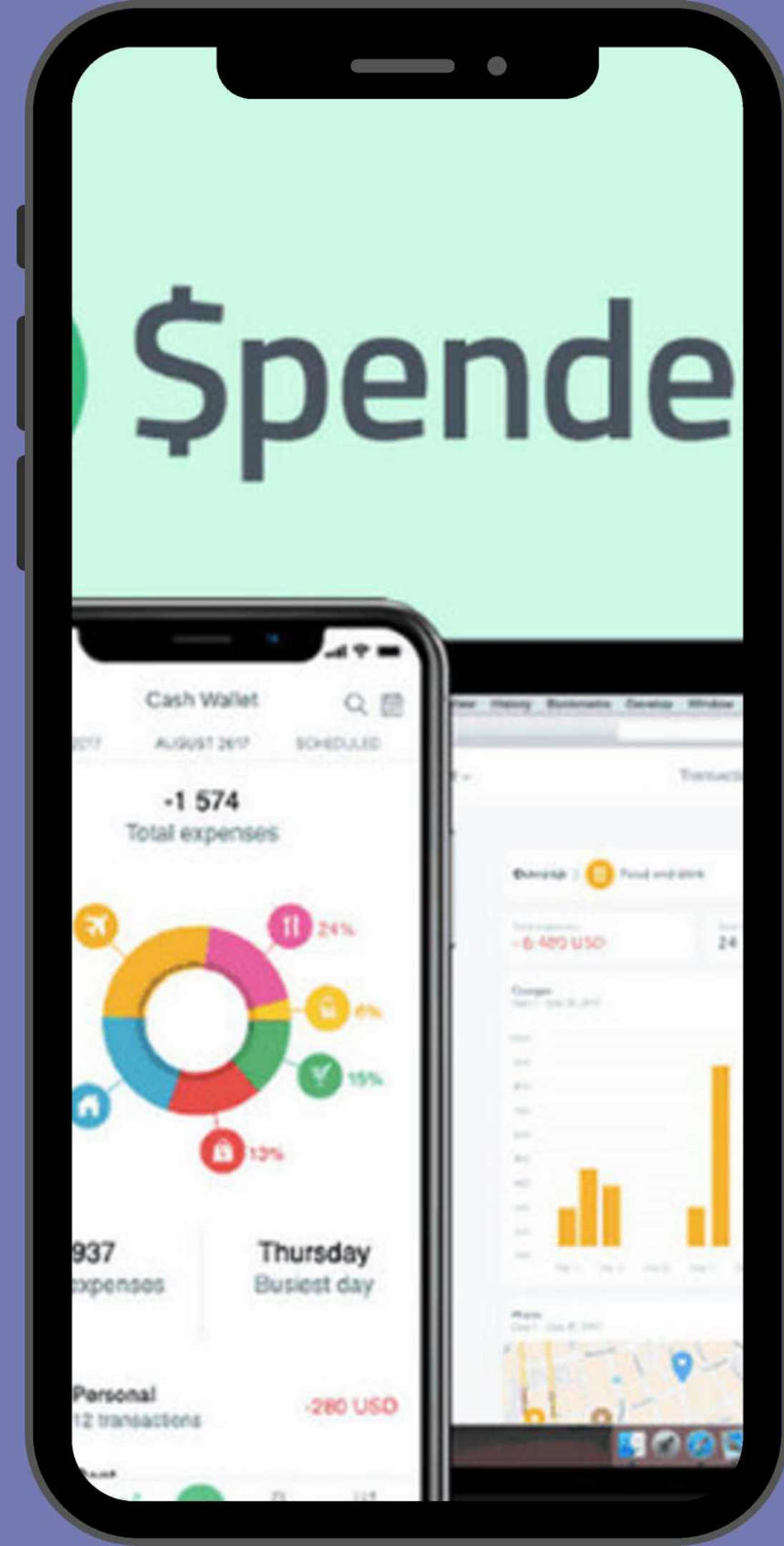
# Platform used

## Platform used:

- Technologies and tools used:
  - Android Studio
  - LDPlayer9 Virtual Machine
  - FireBase

## Required features:

- List of features:
  - Sign In/ Sign Up/ ForgotPass
  - Add 1 transaction (spending) - expense money
  - Add 1 source of money (Budget) - revenue remoney
  - Categorize spending categories
  - Set budget limits (For example, setting a monthly limit of 3 million will give a warning when spending exceeds the monthly limit)
  - Statistics of spending by time (day - to day) or by month, by week
  - Statistics of spending by category
  - Draw a chart showing comparison between time points by week, month





**Group Number**

**Rick**

- **Lack of experience:** Being a new student with little experience, you may make mistakes during the development process.
- **Insufficient budget:** Financial difficulties may arise if the budget is not managed well.
- **New team:** Lack of coordination and mutual understanding may lead to poor performance.

**Solution**

- **Solution:** Organize training sessions and invite consultants to gain more knowledge and experience.
- **Solution:** Monitor and adjust the budget regularly, and prepare contingency plans.
- **Solution:** Organize regular meetings to update the situation and solve problems.

# Risk Analysis







Thank You  
for Listening