





# PROBLEM STATEMENTS

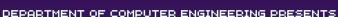






## APP/WEB







## SMART AMBULANCE BOOKING SYSTEM FOR EMERGENCY HEALTHCARE IN INDIA

IN INDIA, ACCESS TO TIMELY AND RELIABLE AMBULANCE SERVICES REMAINS A CRITICAL CHALLENGE, ESPECIALLY IN EMERGENCIES. WHILE THE COUNTRY'S HEALTHCARE INFRASTRUCTURE IS IMPROVING, AMBULANCES ARE OFTEN DIFFICULT TO BOOK QUICKLY, AND RESPONSE TIMES CAN BE SLOW DUE TO COORDINATION ISSUES, LACK OF REAL-TIME LOCATION TRACKING, AND AN INEFFICIENT DISPATCH SYSTEM. ADDITIONALLY, IN RURAL AND REMOTE AREAS, PATIENTS STRUGGLE TO FIND AVAILABLE AMBULANCES OR INFORMATION ABOUT THE NEAREST HOSPITALS. A SMART, EFFICIENT, AND EASILY ACCESSIBLE AMBULANCE BOOKING SYSTEM IS NEEDED TO ADDRESS THESE CHALLENGES AND SAVE LIVES.

#### FEATURES:

- USER REGISTRATION & BOOKING: EASY USER REGISTRATION WITH EMERGENCY CONTACT DETAILS,

  AND A SIMPLE INTERFACE TO BOOK AN AMBULANCE ANYTIME. ANYWHERE (24/7).
- REAL-TIME AMBULANCE TRACKING: GPS INTEGRATION TO SHOW AVAILABLE AMBULANCES NEAR THE USER AND TRACK THEIR ARRIVAL IN REAL TIME.
- PAYMENT INTEGRATION: EASY, SECURE PAYMENT METHODS VIA UPI, CREDIT/DEBIT CARDS, OR
  WALLETS, MAKING THE PAYMENT PROCESS QUICK AND HASSLE-FREE.
- HOSPITAL FINDER: A BUILT-IN FEATURE TO DISPLAY THE NEAREST HOSPITALS BASED ON THE USER'S LOCATION, AND ROUTE OPTIMIZATION TO ENSURE QUICK ACCESS TO MEDICAL CARE.
- DRIVER REGISTRATION & AVAILABILITY: A SYSTEM FOR AMBULANCE DRIVERS TO REGISTER THEIR VEHICLE DETAILS, AVAILABILITY, AND CURRENT LOCATION TO ACCEPT RIDE REQUESTS.
- EMERGENCY HELPLINE INTEGRATION: INTEGRATION WITH NATIONAL OR STATE-LEVEL EMERGENCY HELPLINES TO ENSURE A SEAMLESS TRANSFER OF INFORMATION WHEN NEEDED.
- FEEDBACK & RATINGS: A REVIEW SYSTEM FOR USERS TO RATE THE SERVICE QUALITY, HELPING IMPROVE THE SYSTEM'S PERFORMANCE.

- PUSH NOTIFICATIONS & ALERTS: NOTIFICATIONS ABOUT AMBULANCE STATUS (DISPATCH, ARRIVAL TIME, ETC.) AND REAL-TIME ALERTS ON MEDICAL SERVICES AT NEARBY HOSPITALS.
- MULTILINGUAL SUPPORT: REGIONAL LANGUAGE SUPPORT FOR BETTER ACCESSIBILITY, ESPECIALLY
  IN RURAL AREAS.
- PREDICTIVE RESPONSE TIME: AI-BASED SYSTEM TO PREDICT RESPONSE TIME BASED ON TRAFFIC
  CONDITIONS AND HISTORICAL DATA, HELPING MANAGE EXPECTATIONS.
- HEALTH EMERGENCY PRE-REGISTRATION: PRE-REGISTRATION OF HEALTH DETAILS (LIKE ALLERGIES, MEDICAL CONDITIONS) FOR FASTER TREATMENT UPON ARRIVAL.
- INTEGRATION WITH GOVERNMENT INITIATIVES: SYNCING WITH GOVERNMENT PROGRAMS OR INSURANCE PROVIDERS FOR EMERGENCY COVERAGE OR SUBSIDIES.







## DIGITAL TRANSFORMATION OF POLICE WORK CULTURE

POLICE FORCES IN INDIA OFTEN FACE CHALLENGES RELATED TO OUTDATED TECHNOLOGY, INEFFICIENT PAPERWORK, AND LACK OF PROPER DATA MANAGEMENT. THESE INEFFICIENCIES HINDER RESPONSE TIMES, DATA ACCURACY, AND THE OVERALL EFFECTIVENESS OF LAW ENFORCEMENT AGENCIES. THE HEAVY RELIANCE ON MANUAL PROCESSES MAKES IT DIFFICULT TO TRACK CASES, MANAGE PERSONNEL, AND ACCESS CRITICAL INFORMATION IN REAL-TIME, ESPECIALLY IN HIGH-PRESSURE SITUATIONS. MOREOVER, COMMUNICATION GAPS AND LACK OF TRANSPARENCY CONTRIBUTE TO A DELAY IN JUSTICE AND A LACK OF PUBLIC TRUST.

### FEATURES:

- CASE MANAGEMENT SYSTEM: ENABLE POLICE OFFICERS TO DIGITALLY FILE, TRACK, AND MANAGE
   CASES. EACH CASE CAN HAVE ITS OWN DIGITAL FOLDER WITH EVIDENCE, WITNESS STATEMENTS, AND
   UPDATES. ALL ACCESSIBLE IN REAL-TIME.
- REAL-TIME COMMUNICATION: PROVIDE SECURE, REAL-TIME COMMUNICATION TOOLS FOR OFFICERS TO SHARE CRITICAL INFORMATION, UPDATES, AND ALERTS.
- DIGITAL EVIDENCE COLLECTION: INTEGRATE PHOTO, VIDEO, AND DOCUMENT UPLOADING FEATURES, ALLOWING OFFICERS TO STORE EVIDENCE AND DETAILS IN A SECURE AND ORGANIZED DIGITAL FORMAT.
- GEOLOCATION SERVICES: USE GPS FUNCTIONALITY TO HELP OFFICERS NAVIGATE TO CRIME SCENES
   OR TRACK INCIDENTS AND RESOURCES IN REAL TIME.
- PUBLIC REPORTING SYSTEM: ALLOW CITIZENS TO REPORT INCIDENTS OR CRIMES THROUGH THE APP,

  FACILITATING FASTER RESPONSE TIMES.
- PERSONNEL MANAGEMENT AND SCHEDULING: HELP POLICE STATIONS MANAGE SHIFTS, ALLOCATE PERSONNEL, AND TRACK PERFORMANCE METRICS.

- DATA ANALYTICS AND CRIME PREDICTION: IMPLEMENT AT AND MACHINE LEARNING MODELS THAT
  ANALYZE CRIME PATTERNS AND PREDICT FUTURE HOTSPOTS, HELPING THE POLICE ALLOCATE
  RESOURCES MORE EFFECTIVELY.
- INTEGRATION WITH GOVERNMENT DATABASES: LINK THE APP TO NATIONAL AND STATE-LEVEL

  DATABASES (E.G., FOR CRIMINAL RECORDS, WARRANTS, ETC.) FOR REAL-TIME BACKGROUND CHECKS

  AND VALIDATION.
- PUBLIC AWARENESS AND SAFETY TIPS: PROVIDE A FEATURE FOR THE PUBLIC TO RECEIVE SAFETY ALERTS, TIPS, AND EMERGENCY CONTACTS.
- EMPLOYEE PERFORMANCE DASHBOARD: CREATE A DASHBOARD TO MONITOR THE PERFORMANCE OF OFFICERS, TRACK KEY METRICS, AND PROMOTE ACCOUNTABILITY.







## SOCIAL CAUSE







## BRIDGING THE GAP BETWEEN FOOD WASTE AND HUNGER IN INDIA

INDIA FACES A PARADOX WHERE NEARLY 40% OF FOOD PRODUCED GOES TO WASTE WHILE MILLIONS SUFFER FROM FOOD INSECURITY. RESTAURANTS, GROCERY STORES, AND WEDDING CATERERS OFTEN DISCARD LARGE AMOUNTS OF EDIBLE FOOD DAILY, YET FOOD BANKS AND SHELTERS STRUGGLE TO PROVIDE MEALS FOR THOSE IN NEED. FACTORS SUCH AS INEFFICIENT FOOD REDISTRIBUTION, LACK OF REAL-TIME COORDINATION, AND LOGISTICAL CHALLENGES PREVENT SURPLUS FOOD FROM REACHING THE HUNGRY. A TECHNOLOGY-DRIVEN SOLUTION IS NEEDED TO CREATE A MORE EFFICIENT, TRANSPARENT, AND SCALABLE SYSTEM TO REDUCE FOOD WASTE AND ALLEVIATE HUNGER IN URBAN AND RURAL INDIA.

### FEATURES:

- REAL-TIME FOOD MATCHING: AI-BASED SYSTEM TO MATCH SURPLUS FOOD WITH NGOS AND FOOD BANKS BASED ON DEMAND AND PROXIMITY.
- LOGISTICS OPTIMIZATION: ROUTE PLANNING FOR EFFICIENT PICK-UP AND DELIVERY USING GPS-BASED TRACKING.
- DONOR-NGO PLATFORM: A SEAMLESS INTERFACE FOR DONORS (RESTAURANTS, SUPERMARKETS) TO LIST SURPLUS FOOD AND FOR NGOS TO CLAIM AND DISTRIBUTE IT.
- QUALITY & SAFETY MONITORING: MECHANISMS(IOT/AI) OR ANY OTHER IDEA TO ASSESS FOOD FRESHNESS AND ENSURE COMPLIANCE WITH SAFETY STANDARDS.
- BLOCKCHAIN-BASED TRANSPARENCY: IMMUTABLE LEDGER TO TRACK FOOD DONATIONS, RECIPIENTS,
   AND IMPACT METRICS.
- GOVERNMENT & FSSAI COMPLIANCE: ENSURE LEGAL AND FOOD SAFETY GUIDELINES ARE MET FOR LARGE-SCALE ADOPTION.

- PREDICTIVE ANALYTICS FOR DEMAND FORECASTING: AI MODELS TO ANALYZE HISTORICAL DATA AND PREDICT FOOD REQUIREMENTS FOR NGOS.
- · COMMUNITY ENGAGEMENT: MOBILE APP WITH VOLUNTEER COORDINATION, ALERTS FOR SURPLUS FOOD,
  AND REAL-TIME IMPACT REPORTS.
- INCENTIVES FOR DONORS: TAX BENEFITS, CSR RECOGNITION, OR TOKEN-BASED REWARDS FOR BUSINESSES DONATING FOOD.
- INTEGRATION WITH LOCAL KIRANA STORES: EXTENDING FOOD REDISTRIBUTION TO SMALLER RETAILERS TO REDUCE WASTAGE AT MULTIPLE LEVELS.







## COMMON CORPORATE SOCIAL RESPONSIBILITY

## (CSR) PORTAL

CORPORATE SOCIAL RESPONSIBILITY (CSR) IS A VITAL ASPECT OF CORPORATE CULTURE, WHERE COMPANIES ENGAGE IN SOCIAL WELFARE ACTIVITIES TO GIVE BACK TO SOCIETY. HOWEVER, MANY CORPORATIONS, ESPECIALLY SMALL AND MEDIUM-SIZED ENTERPRISES (SMES), FACE CHALLENGES IN EXECUTING LARGE-SCALE CSR INITIATIVES DUE TO LIMITED RESOURCES, KNOWLEDGE, OR CONNECTIONS WITH THE RIGHT NGOS. ON THE OTHER HAND, NGOS AND SMALLER SOCIAL ORGANIZATIONS STRUGGLE TO ACCESS THESE RESOURCES OR CORPORATE PARTNERSHIPS. A CENTRALIZED AND COLLABORATIVE CSR PORTAL IS NEEDED TO BRIDGE THIS GAP, ALLOWING CORPORATIONS AND NGOS TO JOIN FORCES, POOL RESOURCES, AND WORK TOGETHER TO ACHIEVE LARGER SOCIETAL IMPACT.

### FEATURES:

- NGO REGISTRATION & NEEDS LISTING: NGOS CAN CREATE PROFILES, EXPLAIN THEIR SOCIAL
  WELFARE GOALS, AND SPECIFY THE TYPE OF SUPPORT THEY NEED (FUNDS, RESOURCES,
  VOLUNTEERS).
- CORPORATE SECTOR REGISTRATION & BUDGET ALLOCATION: CORPORATES CAN CREATE PROFILES,
   SPECIFY THEIR CSR BUDGETS, AND LIST THE TYPES OF INITIATIVES THEY ARE WILLING TO
   SUPPORT (EDUCATION, HEALTHCARE, ENVIRONMENT, ETC.).
- MATCHING ALGORITHM: THE SYSTEM AUTOMATICALLY MATCHES NGO NEEDS WITH CORPORATE
   CONTRIBUTIONS BASED ON THE SECTORS, BUDGETS, AND GEOGRAPHICAL AREAS, FACILITATING
   COLLABORATIONS.
- COLLABORATION DASHBOARD: A CENTRAL DASHBOARD FOR CORPORATES AND NGOS TO TRACK
   CURRENT AND PAST COLLABORATIONS, SEE THE STATUS OF ONGOING INITIATIVES, AND MANAGE
   THEIR CSR EFFORTS.
- REPORTING & IMPACT ANALYTICS: AUTOMATED REPORTS THAT MEASURE THE IMPACT OF CSR

  CONTRIBUTIONS, INCLUDING METRICS LIKE FUNDS ALLOCATED, LIVES IMPACTED, AND RESOURCES

  DELIVERED.
- GEOGRAPHICAL SEARCH FILTERS: USERS CAN FILTER INITIATIVES BASED ON REGION TO SUPPORT LOCAL CAUSES, PARTICULARLY FOCUSING ON UNDERSERVED AREAS.

- TAX INCENTIVES TRACKER: INTEGRATION WITH INDIA'S TAX POLICIES TO TRACK CSR-RELATED TAX BENEFITS FOR CORPORATIONS.
- PAYMENT INTEGRATION & FINANCIAL TRANSPARENCY: SECURE PAYMENT GATEWAY FOR DONATIONS AND DETAILED FINANCIAL TRACKING FOR TRANSPARENCY IN FUND ALLOCATION.
- REAL-TIME UPDATES: PUSH NOTIFICATIONS OR ALERTS FOR CORPORATES AND NGOS ABOUT NEW PARTNERSHIP OPPORTUNITIES, EVENTS, OR RELEVANT CSR TRENDS.
- CSR CAMPAIGNS & CROWDFUNDING: A FEATURE TO ALLOW CORPORATES TO RUN SPECIFIC CSR

  CAMPAIGNS OR CROWDFUNDING EFFORTS WITHIN THE PORTAL, RAISING FUNDS FOR URGENT OR NICHE

  CAUSES.







## BLOCKCHAIN









## RWA-BACKED MICROLOANS PLATFORM

SMALL BUSINESSES IN DEVELOPING MARKETS STRUGGLE TO SECURE FINANCING DUE TO THE LACK OF LIQUID COLLATERAL AND CREDIT DATA, LEADING TO HIGH LOAN REJECTION RATES. A DECENTRALIZED BLOCKCHAIN PLATFORM CAN ENABLE BUSINESSES TO TOKENIZE PHYSICAL ASSETS AS COLLATERAL FOR MICROLOANS, ENSURING TRANSPARENCY, SECURITY, AND VERIFIABILITY, THEREBY IMPROVING ACCESS TO FUNDING.

#### FEATURES:

- ASSET TOKENIZATION: ALLOW BUSINESSES TO TOKENIZE THEIR PHYSICAL ASSETS, CONVERTING
   THEM INTO BLOCKCHAIN-BASED TOKENS THAT REPRESENT OWNERSHIP.
- RISK ASSESSMENT MECHANISM: INTEGRATE AI OR MACHINE LEARNING MODELS TO ASSESS THE RISK BASED ON ASSET VALUE, BUSINESS HISTORY, AND MARKET CONDITIONS.
- SMART CONTRACTS: USE SMART CONTRACTS TO FACILITATE AUTOMATIC LOAN DISBURSEMENTS AND REPAYMENTS ONCE TERMS ARE MET, ENSURING TRUSTLESS TRANSACTIONS.
- TRANSPARENT LEDGER: IMPLEMENT A TRANSPARENT LEDGER FOR BOTH LENDERS AND BORROWERS TO TRACK ASSET-BACKED LOANS AND REPAYMENT HISTORY.

- REPUTATION SYSTEM: IMPLEMENT A DECENTRALIZED REPUTATION SYSTEM FOR BUSINESSES AND LENDERS TO BUILD TRUST AND FOSTER MORE LENDING ACTIVITY.
- INTEGRATION WITH REAL-WORLD ASSETS: LINK PHYSICAL ASSETS WITH IOT DEVICES OR OTHER TRACKING SYSTEMS TO UPDATE ASSET STATUS IN REAL TIME.
- CROSS-BORDER FUNCTIONALITY: ALLOW INTERNATIONAL LENDERS AND BORROWERS TO INTERACT
  WITHIN THE SAME PLATFORM, FACILITATING CROSS-BORDER MICROLOANS.









## BLOCKCHAIN-BASED IP MANAGEMENT FOR PATENTS, LICENSING & ROYALTIES

INTELLECTUAL PROPERTY (IP) MANAGEMENT IS A COMPLEX AND OFTEN OPAQUE PROCESS. TRADITIONAL IP SYSTEMS, INCLUDING PATENT FILING, LICENSING, AND ROYALTY PAYMENTS, CAN BE SLOW, EXPENSIVE, AND PRONE TO DISPUTES. TRACKING THE ORIGIN OF INNOVATIONS AND ENSURING TRANSPARENT, AUTOMATED IP MANAGEMENT REMAINS A SIGNIFICANT CHALLENGE FOR CREATORS AND BUSINESSES. WITH THE RISE OF BLOCKCHAIN TECHNOLOGY, THERE IS AN OPPORTUNITY TO REVOLUTIONIZE THE WAY IP IS MANAGED, ENSURING TRANSPARENCY, TRACEABILITY, AND EFFICIENCY. A BLOCKCHAIN-BASED PLATFORM CAN PROVIDE AN IMMUTABLE AND TRANSPARENT RECORD OF PATENT FILINGS, LICENSING AGREEMENTS, AND ROYALTY TRANSACTIONS, STREAMLINING THE ENTIRE PROCESS AND MAKING IT MORE ACCESSIBLE.

### FEATURES:

- PATENT FILING: A SECURE, BLOCKCHAIN-BASED SYSTEM FOR SUBMITTING AND REGISTERING
   PATENTS, ENSURING AN IMMUTABLE RECORD OF THE FILING DATE.
- SMART CONTRACTS FOR LICENSING: AUTOMATION OF LICENSING AGREEMENTS USING SMART CONTRACTS, WHICH CAN AUTOMATICALLY EXECUTE PREDEFINED TERMS AND CONDITIONS.
- ROYALTY PAYMENT AUTOMATION: A FEATURE TO AUTOMATICALLY CALCULATE AND DISTRIBUTE
   ROYALTY PAYMENTS TO PATENT HOLDERS BASED ON PREDEFINED TERMS, TRACKED VIA BLOCKCHAIN.
- IP OWNERSHIP TRACKING: TRANSPARENT TRACKING OF THE ORIGINS AND OWNERSHIP OF INNOVATIONS, ENSURING CLEAR ATTRIBUTION AND REDUCING DISPUTES.
- DISPUTE RESOLUTION: A DECENTRALIZED AND TRANSPARENT PROCESS FOR RESOLVING IP-RELATED DISPUTES, USING SMART CONTRACTS FOR ARBITRATION.
- IP MARKETPLACE: A DECENTRALIZED PLATFORM FOR BUYING AND SELLING PATENTS OR LICENSING RIGHTS, WITH CLEAR OWNERSHIP AND TRANSACTION HISTORY.
- AUDIT TRAIL: A COMPLETE, IMMUTABLE LEDGER THAT RECORDS EVERY ACTION TAKEN ON THE
   PLATFORM, ENSURING FULL TRANSPARENCY AND ACCOUNTABILITY.

- GLOBAL IP STANDARDS INTEGRATION: INTEGRATION WITH GLOBAL PATENT OFFICES OR IP STANDARDS TO ENSURE COMPATIBILITY AND RECOGNITION ACROSS JURISDICTIONS.
- MULTI-PARTY COLUABORATION: FEATURES THAT ALLOW MULTIPLE INVENTORS, RESEARCHERS, OR COMPANIES TO COLLABORATE ON A SINGLE IP, WITH BLOCKCHAIN ENSURING SECURE AND FAIR DISTRIBUTION OF RIGHTS.
- CUSTOMIZABLE IP LICENSES: A TOOL TO CREATE CUSTOMIZABLE LICENSES WITH VARYING TERMS
  BASED ON SPECIFIC NEEDS, AUTOMATICALLY ENFORCED BY SMART CONTRACTS.
- IP ANALYTICS: AI-POWERED TOOLS TO ANALYZE PATENT TRENDS AND HELP INVENTORS OR COMPANIES ASSESS THE MARKET POTENTIAL OF THEIR INTELLECTUAL PROPERTY.







## AI/ML







## AI-POWERED ENTERPRISE SUPPORT AGENT FOR EMPLOYEE QUERIES

LARGE ENTERPRISES HAVE COMPLEX INTERNAL ECOSYSTEMS, INCLUDING HR POLICIES, IT SUPPORT, PROJECT MANAGEMENT TOOLS, AND OPERATIONAL WORKFLOWS. EMPLOYEES OFTEN STRUGGLE TO FIND RELEVANT INFORMATION QUICKLY, LEADING TO INEFFICIENCIES AND DEPENDENCY ON HR OR IT TEAMS FOR ROUTINE QUERIES. THIS RESULTS IN DELAYS, PRODUCTIVITY LOSS, AND INCREASED WORKLOAD FOR SUPPORT TEAMS. TRADITIONAL FAQ SYSTEMS AND STATIC KNOWLEDGE BASES ARE INADEQUATE, AS THEY CANNOT HANDLE DYNAMIC OR PERSONALIZED QUERIES EFFECTIVELY.

## FEATURES:

- MULTI-MODAL INTERACTION: EMPLOYEES SHOULD BE ABLE TO INTERACT USING TEXT AND VOICE VIA A WEB OR MOBILE INTERFACE.
- INFORMATION RETRIEVAL: CONNECT WITH INTERNAL DATABASES (HR, IT, PROJECT MANAGEMENT) TO PROVIDE ACCURATE RESPONSES.
- GENERATIVE AI MODULE: IMPLEMENT A LANGUAGE MODEL TO SYNTHESIZE RESPONSES BY ANALYZING MULTIPLE DOCUMENTS.
- TASK AUTOMATION: ENABLE THE AGENT TO SCHEDULE MEETINGS, GENERATE REPORTS, SUBMIT LEAVE
  APPLICATIONS, AND MORE.
- SECURITY & ACCESS CONTROL: ENSURE RESPONSES ADHERE TO COMPANY POLICIES AND ROLE-BASED ACCESS CONTROL (RBAC).

- · PERSONALIZED RESPONSES: TAILOR ANSWERS BASED ON USER ROLES (E.G., MANAGER VS. INTERN).
- FEEDBACK & LEARNING MECHANISM: IMPROVE RESPONSE ACCURACY BY INCORPORATING USER FEEDBACK.
- SENTIMENT ANALYSIS & ESCALATION: DETECT FRUSTRATION AND ESCALATE UNRESOLVED QUERIES
  TO HUMAN SUPPORT.







## AI-POWERED EXPENSE REPORT GENERATOR WITH FRAUD DETECTION

EXPENSE REPORTING IS A TEDIOUS PROCESS FOR ENTERPRISES, WITH EMPLOYEES MANUALLY INPUTTING RECEIPTS AND FINANCE TEAMS STRUGGLING WITH COMPLIANCE VERIFICATION, FRAUD DETECTION, AND POLICY ADHERENCE. ERRORS, DUPLICATE CLAIMS, AND FRAUD LEAD TO INEFFICIENCIES AND FINANCIAL LOSSES. TRADITIONAL METHODS RELY ON MANUAL AUDITS, MAKING THEM SLOW AND PRONE TO OVERSIGHT. THE SOLUTION EXPECTED SHOULD BE AN AI-POWERED EXPENSE REPORT GENERATOR THAT LEVERAGES OCR AND LLMS TO EXTRACT RECEIPT DATA, AUTOMATED REPORT CREATION, AND DETECTS FRAUD USING ANOMALY DETECTION MODELS, ENSURING ACCURACY, COMPLIANCE, AND ACTIONABLE INSIGHTS FOR FINANCE TEAMS.

#### FEATURES:

- RECEIPT PROCESSING WITH OCR & LLMS: AUTOMATICALLY EXTRACT DETAILS (VENDOR, AMOUNT, DATE. CATEGORY) FROM UPLOADED RECEIPTS.
- AUTOMATED REPORT GENERATION: ORGANIZE EXTRACTED DATA INTO STRUCTURED REPORTS,
   GENERATING JUSTIFICATIONS FOR EXPENSES.
- POLICY COMPLIANCE CHECKS: FLAG POLICY VIOLATIONS SUCH AS OVER-BUDGET CLAIMS,
   UNAUTHORIZED CATEGORIES, OR MISSING JUSTIFICATIONS.
- FRAUD DETECTION MODULE: IDENTIFY DUPLICATE RECEIPTS, OUTLIER TRANSACTIONS, OR SUSPICIOUS SPENDING PATTERNS USING ANOMALY DETECTION.
- INTERACTIVE DASHBOARD: PROVIDE AN OVERVIEW OF REPORTS, FLAGGED VIOLATIONS, AND ALLOW
   MANUAL REVIEW/CORRECTIONS BY EMPLOYEES AND FINANCE TEAMS.
- APPROVAL WORKFLOW: ENABLE MANAGERS TO APPROVE/REJECT REPORTS, WITH AUTOMATED FLAGGING FOR POTENTIAL ISSUES.

- AI-POWERED CHATBOT: ASSIST EMPLOYEES IN UNDERSTANDING REJECTION REASONS, COMPANY POLICIES, AND SUBMISSION GUIDELINES.
- SPENDING INSIGHTS & TRENDS: PROVIDE ANALYTICS ON SPENDING BEHAVIOR, TRENDS ACROSS

  DEPARTMENTS, AND AREAS FOR COST OPTIMIZATION.
- · AUTOMATED SUMMARY EMAILS: GENERATE A SUMMARY EMAIL FOR MANAGERS WITH FLAGGED ISSUES AND ONE-CLICK APPROVAL/REJECTION.





# OPEN INNOVATION







## SUSTAINABLE TOURISM: SMART & SUSTAINABLE TRAVEL EXPERIENCE IN INDIA

INDIA'S DIVERSE TOURISM LANDSCAPE FACES CHALLENGES LIKE OVERCROWDING AT KEY ATTRACTIONS, LACK OF REAL-TIME INFORMATION, INEFFICIENT WASTE MANAGEMENT, AND INADEQUATE ACCESSIBILITY FOR DIFFERENTLY-ABLED TRAVELERS.

## CHALLENGE:

DEVELOP AN INNOVATIVE AND FEASIBLE SOLUTION TO ENHANCE SUSTAINABLE TOURISM IN INDIA BY LEVERAGING TECHNOLOGY FOR BETTER CROWD MANAGEMENT, ECO-FRIENDLY TRAVEL, AND IMPROVED ACCESSIBILITY. THE SOLUTION SHOULD ALIGN WITH LOCAL CULTURAL AND ENVIRONMENTAL NEEDS WHILE PROMOTING RESPONSIBLE TOURISM.







## LOGISTICS: OPTIMIZING URBAN SUPPLY CHAIN & LAST-MILE DELIVERY

INDIAN CITIES EXPERIENCE SIGNIFICANT LOGISTICS INEFFICIENCIES DUE TO TRAFFIC CONGESTION, FRAGMENTED SUPPLY CHAINS, AND LACK OF REAL-TIME TRACKING, LEADING TO INCREASED DELIVERY COSTS AND DELAYS.

## CHALLENGE:

DESIGN A TECHNOLOGY-DRIVEN SOLUTION THAT OPTIMIZES URBAN LOGISTICS, IMPROVES LAST-MILE DELIVERY EFFICIENCY, AND REDUCES ENVIRONMENTAL IMPACT. THE SOLUTION SHOULD BE SCALABLE, COST-EFFECTIVE, AND FEASIBLE WITHIN INDIA'S REGULATORY AND INFRASTRUCTURAL LANDSCAPE.

## NOTE (FOR OPEN INNOVATION):

PARTICIPANTS ARE ENCOURAGED TO DEVELOP THEIR IDEAS WITHIN THE ABOVE-MENTIONED TWO DOMAINS. FEEL FREE TO EXPLORE INNOVATIVE SOLUTIONS THAT ALIGN WITH THESE DOMAINS.







## <u>THANK</u> YOU