





## SHADOWING & DIARY STUDY

General Observational Goals:

- How does Alex start his day?
- What tools does he use for planning and task management?
- What causes him to delay starting tasks?
- Does he track health habits (hydration, meals)?
- How does he manage transitions between tasks?

Specific Behavioral Questions:

- How often does Alex switch between apps before starting work?
- Does he follow a routine or structure?
- Are there moments when motivation drops significantly?
- Does he have any system for tracking hydration or wellness?
- Where : Alex works from a home office.
- $\bullet \quad \text{When: You'll shadow Alex over the course of one full day} \text{from morning until evening.} \\$
- Duration : ~6–8 hours
- Tools to Track : Todoist, Chrome, Slack, Notion, Apple Health

Time	Says	Thinks	Feels	Does	Tool Used	Pain Point	Opportunity
7:30 AM	"I should start working now."	Wants to begin but feels overwhelmed.	Motivated (initially)	Opens laptop, checks phone notifications	Phone, Chrome	Starts strong but gets pulled into social media	Visual prioritization & amp; focus mode
8:00 AM	"Just a quick Reddit break."	Uses news browsing as procrastination tactic	Distracted	Browses Reddit, watches YouTube video	Chrome	Gets stuck in distraction loop	AI-powered prompt to refocus
9:00 AM	"Okay, time to actually work."	Feels guilty about wasted time.	Frustrated	Opens Notion, creates a to-do list, starts writing	Notion	List too vague; lacks structure	Guided templates + task breakdown
10:30 AM	"Need to take a break."	Hopes to return refreshed	Tired	Watches more videos, scrolls endlessly	YouTube	Break becomes long distraction	Pomodoro timer + accountability
12:00 PM	"I should eat something."	Realizes he skipped breakfast	Hungry	Makes lunch while checking email	Email	Multitasking leads to scattered focus	Scheduled blocks for meals + work
1:00 PM	"Back to work."	Still tired from break	Overwhelmed	Repeats same pattern as earlier	Notion	No progress tracking or feedback	Progress dashboard + motivational nudges
3:00 PM	"I should drink water."	Remembers hydration goal	Guilty	Drinks water quickly, forgets to log it	Water bottle only	No system for logging health habits	Hydration tracker + reminders
5:00 PM	"Didn't get half of this done."	Feels defeated by lack of progress	Stressed	Scrolls through unfinished tasks	Todoist	Tasks feel unmanageable	Task prioritization + smart suggestions
6:00 PM	"Tomorrow I'll do better."	Hopes to improve tomorrow	Resigned	Logs off early due to fatigue	Laptop closed	Lack of sense of accomplishment	End-of-day summary + habit rewards

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Observation to product opportunities:			
Observed Behavior	Problem	Your App Can Solve It	Ву
Gets distracted by social media before sta	rting Difficulty focusing in the morni	ng Add a "Focus Mode";	or guided start screen
Uses vague to-do lists	Lacks structure	Offer smart template	s and task breakdown
Skips health habits like hydration	No tracking system	Integrate passive hyd	Iration tracker
Loses momentum after breaks	Breaks turn into distractions	Include Pomodoro tir	mer with end-time prompts
Feels defeated at the end of the day	No reflection or feedback	Daily summary and ha	abit streaks
	<del></del>		
Persona	Main Struggle	Product Feature to Addre	ess
Persona Alex (Procrastinator)	Main Struggle Delaying tasks, poor structure	Product Feature to Address Focus Mode, Smart Temp	
			plates, AI Prompts
Alex (Procrastinator)	Delaying tasks, poor structure Forgets hydration, meal prep	Focus Mode, Smart Temp	plates, AI Prompts Meal Planner
Alex (Procrastinator) Maria (Overwhelmed Health Enthusiast)	Delaying tasks, poor structure Forgets hydration, meal prep	Focus Mode, Smart Temp Passive trackers, Weekly	plates, AI Prompts r Meal Planner er with gamification
Alex (Procrastinator) Maria (Overwhelmed Health Enthusiast) James & Priya (Shared Household Ch	Delaying tasks, poor structure Forgets hydration, meal prep aos) Chore conflict No boundaries	Focus Mode, Smart Temp Passive trackers, Weekly Shared cleaning schedul	plates, AI Prompts of Meal Planner or with gamification dfulness prompts
Alex (Procrastinator) Maria (Overwhelmed Health Enthusiast) James & Priya (Shared Household Ch Sarah (Remote Work Burnout)	Delaying tasks, poor structure Forgets hydration, meal prep aos) Chore conflict No boundaries	Focus Mode, Smart Temp Passive trackers, Weekly Shared cleaning schedul Timed work blocks, mind	plates, AI Prompts v Meal Planner er with gamification dfulness prompts eaks
Alex (Procrastinator) Maria (Overwhelmed Health Enthusiast) James & Description (Shared Household Chesarah (Remote Work Burnout) Danny (Student with Poor Time Managem	Delaying tasks, poor structure Forgets hydration, meal prep laos) Chore conflict No boundaries Cramming before exams	Focus Mode, Smart Temp Passive trackers, Weekly Shared cleaning schedul Timed work blocks, mind Study planner, habit stre	plates, AI Prompts  v Meal Planner er with gamification dfulness prompts aks ork + family
Alex (Procrastinator) Maria (Overwhelmed Health Enthusiast) James & Priya (Shared Household Ch Sarah (Remote Work Burnout) Danny (Student with Poor Time Managem Lena (Busy Parent)	Delaying tasks, poor structure Forgets hydration, meal prep aos) Chore conflict No boundaries Cramming before exams Managing kids' schedules	Focus Mode, Smart Temp Passive trackers, Weekly Shared cleaning schedul Timed work blocks, mind Study planner, habit stre Unified dashboard for w	plates, AI Prompts  / Meal Planner  er with gamification  dfulness prompts  alaks  ork + family

## USE CASE VALIDATION

Criteria	Description
Real Problem Exists	Is time tracking a real pain point?
User Would Adopt It	Would users switch or try this feature?
Solves Key Friction	Does it reduce stress, confusion, or inefficiency?
Measurable Outcome	Can success be tracked (e.g., time saved)?
Scalable Across Personas	Is it relevant to multiple user types?

## -: Validation using personas

Persona	Real Problem	Adoption Likelihood	Solves Friction	Measurable Outcome	Scalability	Result
Alex – The Procrastinator	X Doesn't realize how much time he wastes	✓ Would adopt if it helps him start tasks	Reduces procrastination by showing time spent	✓ Logs show wasted time → awareness	Useful for remote workers & amp; writers	✓ Validated
Maria – Overwhelmed Health Enthusiast	⚠ She knows she struggles but doesn't track time	Would adopt to better plan her routine	A Could help manage time between work and health goals	✓ Tracks progress over time	Useful for health-focused users	✓ Validated
Danny – Student With Poor Time Management	Constantly feels like he's running out of time	✓ Would adopt to improve study habits	<ul> <li>Helps identify time-wasters (YouTube, social media)</li> </ul>	✓ Visual feedback motivates behavior change	Relevant for students and learners	✓ Validated
Sarah – Remote Work Burnout	✓ Feels like she's always working	Would adopt to set boundaries and track downtime	✓ Helps separate work from personal life	Clear before/after usage data available	<ul> <li>Useful for all remote workers</li> </ul>	✓ Validated
Lena – Busy Parent Managing Everything	Often forgets what she did in a day	■ Would adopt to better organize family + work	Shows how much time is spent on kids vs work	Useful for caregivers and multitaskers	Applicable across lifestyles	✓ Validated
Mr. Thompson – Elderly User Managing Routines	⚠ He uses paper planners but forgets to update them	May not adopt unless UI is extremely simple	Might benefit but needs accessibility support	Could help him stay independent longer	∧ Needs customization for seniors	
Jordan - Gamification Lover Who Needs Accountability	✓ Wants to know if he's being productive	<ul> <li>Would adopt if it includes rewards or leveling</li> </ul>	✓ Makes time visible and actionable	✓ Habit streaks can be tracked	<ul> <li>Engages gamified users</li> </ul>	✓ Validated
· Opportunities identified						

-: Opportunities identified					
Feature	Opportunity				
Focus Mode	Blocks distractions during planned time blocks				
AI Task Suggestions	Learns from past behavior to suggest optimal schedules				
Idle Time Detection	Alerts when user is off-task for too long				
Task Duration Prediction	Suggests how long a task should take based on history				
End-of-Day Report	Shows time spent vs. goals				
Integrations	Sync with calendar, email, and health apps				

## DEFINE SUCCESS

Metric	Goal			
Daily Active Users (DAU)	>50% of users open the app daily			
Average Time Tracked per Day	6+ hours logged weekly			
Task Completion Rate	70% of scheduled tasks completed			
Retention after 30 days	>60% continue using after trial			
NPS (Net Promoter Score)	Target: 40+			
User Feedback	Collect qualitative feedback via in-app prompts			