

# AdaptEDU



Stop Procrastinating. Start Adapting.

## Community Need

- Over 40% of high school students report **persistent feelings of sadness** and hopelessness (Centers for Disease Control and Prevention, 2024).
- Traditional scheduling methods fail because the adolescent brain's developing prefrontal cortex executes the "**planning fallacy**," causing students to consistently **underestimate** how long tasks will take (Buehler et al., 2010; Kurosaki et al., 2018).

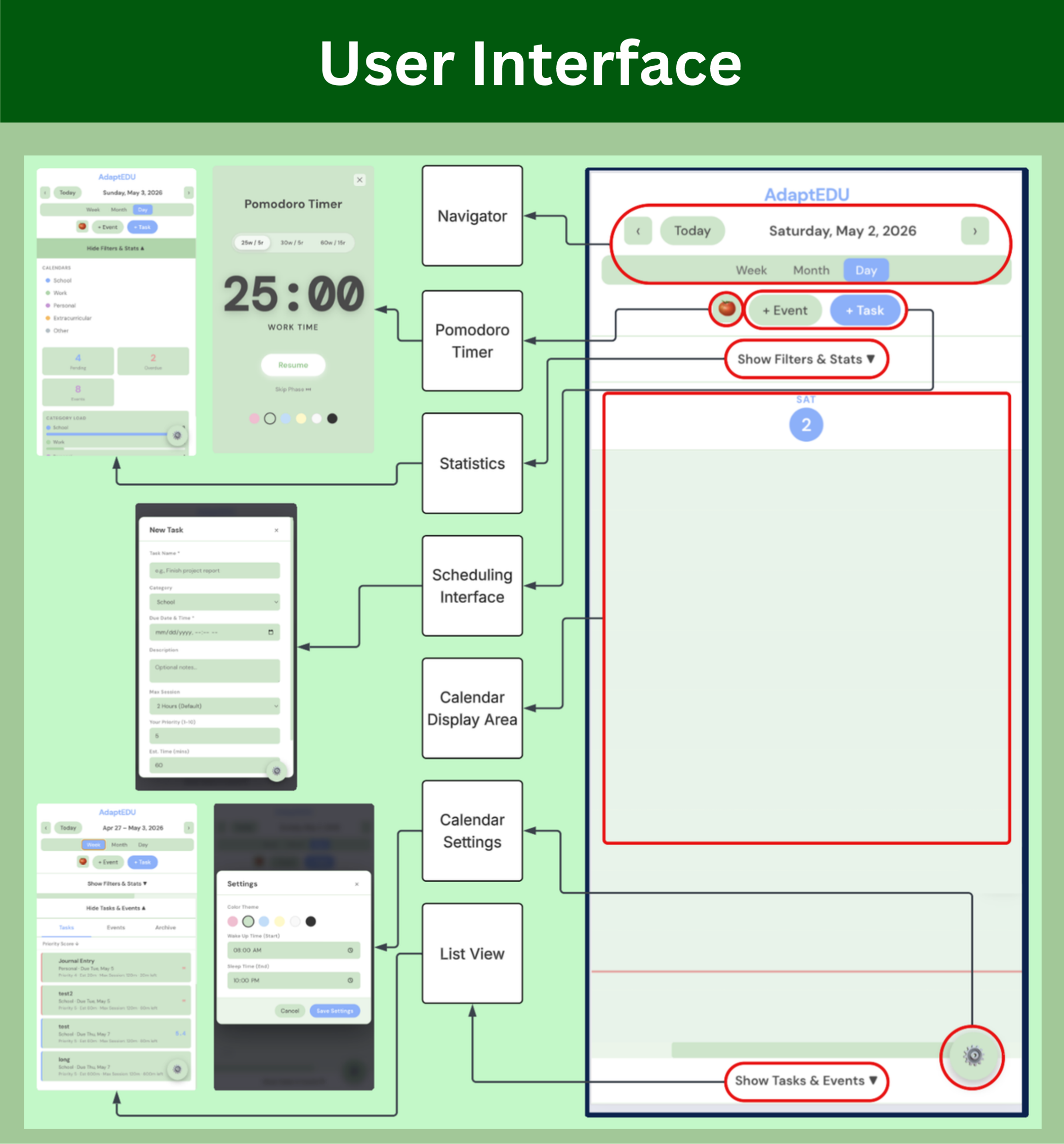
## Target Audience

**High School & College Students:** Individuals needing to balance demanding academic workloads with extracurriculars, sports, and personal commitments.

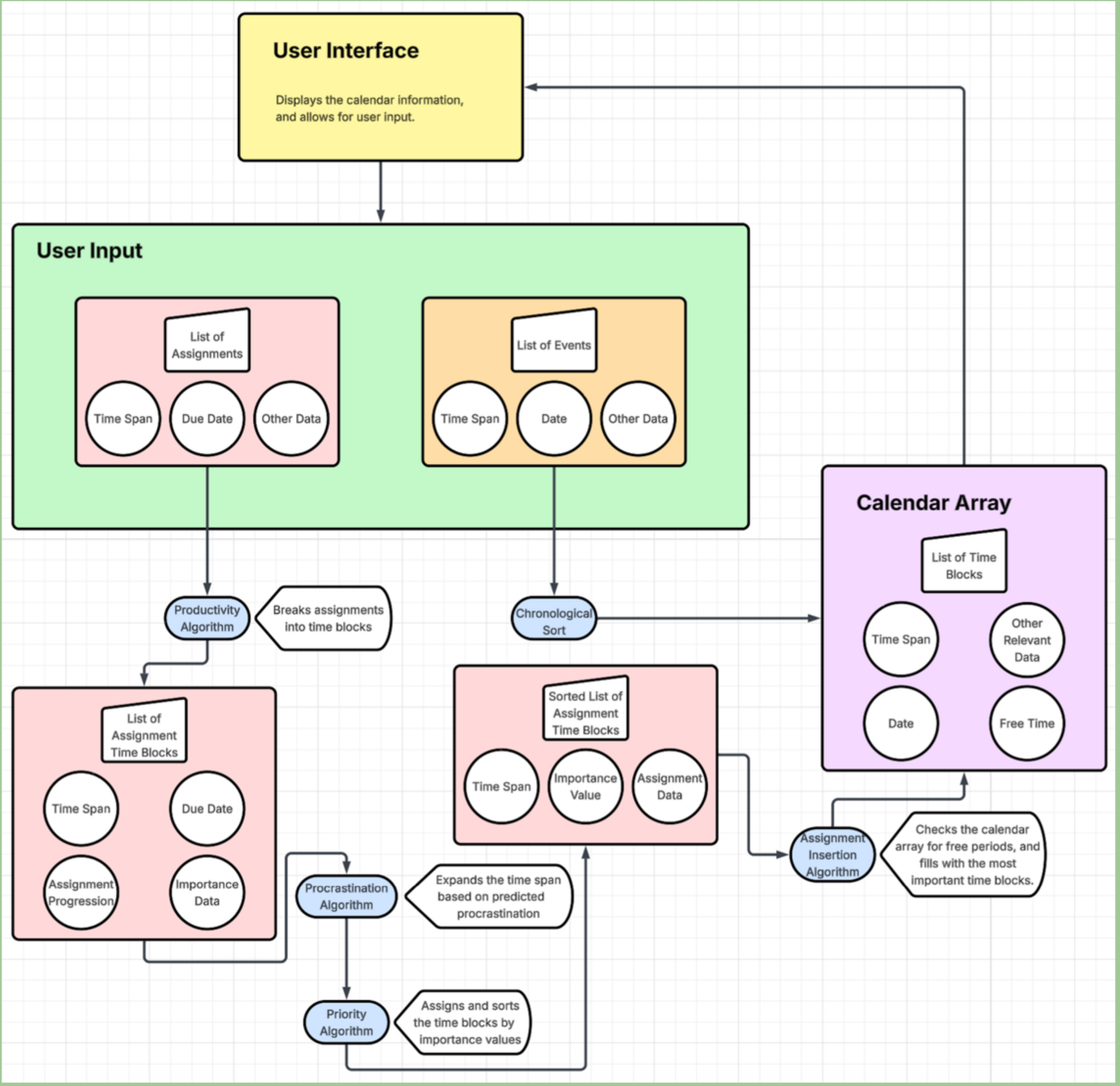
## Current Market



- Doesn't adapt to users changing lifestyle
- Doesn't factor in procrastination time
- Too stiff for teens who have assignments every day



## Algorithm Pipeline



## Key Features

- **Priority & Procrastination Algorithm:** Automatically ranks tasks by urgency and deadlines while using linear regression data to correct the user's initial time estimates and combat the "planning fallacy."
- **Dynamic Task Allocation:** Seamlessly schedules prioritized assignments into available time slots around fixed events (like classes), instantly recalculating the timeline whenever a task is modified or completed.
- **Smart Calendar & Boundary Tracking:** Provides an intuitive web calendar that logs progress and actively enforces user-defined daily work limits to prevent overloading and promote a healthy sleep schedule.

## Future Extensions

- **Adaptive Time Prediction:** Implementing machine learning so the algorithm learns individual student habits and automatically refines time estimates for specific types of tasks.
- **Cloud Syncing & Smart Alerts:** Expanding to cloud storage for cross-device synchronization and push notifications, keeping tasks and deadlines seamlessly updated across all phones, tablets, and computers.



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