EECS Final Project W2016: *Untimed*

Team EECS-elent

Alex Wilf- abwilf
- Task and daily schedule table view controller
- Add/edit task and add assignment button
- Allocating tasks and assignments
- Saving to disc
- Change date button

Keenan Tullis- keenanjt
- Task and daily schedule table view controller
- Add/edit task and add assignment button
- Allocating tasks and assignments
- Split up NSDate components to work with time
- Change date button

Emily O'Connor- eoconn
- Task and daily schedule table view controller
- Single task table view controller
- Allocating tasks and assignments
- Saving to disc
- Change date button

Madeleine Sabo- sabomj
- Task and daily schedule table view controller
- Single task table view controller
- Allocating tasks and assignment
- Ideas for schedule display
- Designed and uploaded app icon

UNTIMED 2.0- App Store Info

Primary Category: Utilities
Secondary Category: Lifestyle

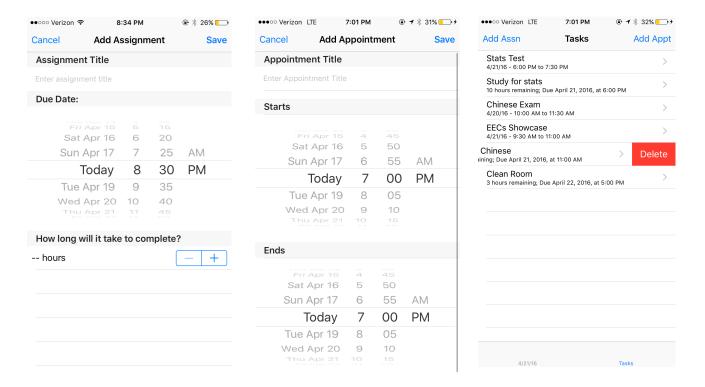**Rating:** 4+

Localized for English (U.S.)

Keywords: Schedule, Planning, Assignments, Appointments, Homework, Daily, Free, Time, Management, Organize, Students
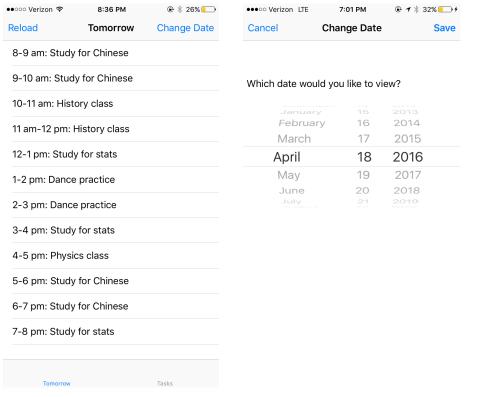
App Description: Stay organized and make the most out of your day with Untimed! This app allows students to enter appointments and assignments, and formulates a schedule designed to maximize your productivity and allow you to get the most out of your schedule without compromising the quality or quantity of your work.

The app works by putting your appointments into your schedule, and then allocating the hours required to complete assignments based on their urgency. Once the app has figured out which assignments students should complete to optimize their efficiency, it creates a daily schedule for you, and allows you to see exactly how your time is being spent each day, whether it is today, tomorrow, or any time in the future.

The app also gives you the complete list of all tasks to complete, both assignments and appointments, and allows you to delete them as your schedule changes.

App Price: Free (possibly sell a $1.99 version with expanded functionality in the future)

8-9 am: Study for Chinese

9-10 am: Study for Chinese

10-11 am: History class

11 am-12 pm: History class

12-1 pm: Study for stats

1-2 pm: Dance practice

2-3 pm: Dance practice

3-4 pm: Study for stats

4-5 pm: Physics class

5-6 pm: Study for Chinese

6-7 pm: Study for Chinese

7-8 pm: Study for stats

Tomorrow   Tasks

Which date would you like to view?

January	15	2013
February	16	2014
March	17	2015
April	18	2016
May	19	2017
June	20	2018
July	21	2019

User Testing

Bugs that we solved with user testing:
- Allocating assignments due early in the morning or late at night (before/after 8 am/pm)
- Allocating appointments that go all day long
- Tested a lot of edge cases on borders of array

Comments from users:

Olivia Binke
- Done button on the keyboard doesn't work, should make keyboard go down
- Would be good to color code assignments and appointments in future
- Very impressed by app

Frankie Antenucci
- Same keyboard issue as above
- Like how you can see the task list as well as the daily schedule

Ethan Hopper
- Looks good!
- Would be nice to be able to swipe and change date instead of using change date button in future

Kat Hebard
- Would be nice to put add assn/appt buttons on daily schedule view controller
- Would be nice to click on individual daily schedule cell and see single task table view controller in future
- "This is a really cool app, good job"

Device and Orientation
iPhone 6s and 6, Portrait

Reach Features
Refined algorithm to allocate assignments based on urgency
User is now able to change date in daily schedule view
When user changes date, daily schedule automatically reloads data
User can reload page with "reload" button, and any changes to task list will be reflected in the new daily schedule
Gives error message when user does not have enough time to complete an assignment
Gives error message when user puts end time as earlier than start time for an appointment
Limited all date pickers to be from current date forward
Limited the change date picker to limit user to end of calendar array (as it currently stands) to avoid error
Normalized timeNeeded variable to be an Integer, like all other values
Eliminated all errors and warnings

Disclaimers for grading:
- This app only schedules tasks by the hour
- This app only schedules tasks 28 days in the future
- To edit a task, you must delete it and re-enter it