Test Tour	Guidebook Tour
Object to be tested / Rough Guidance	In accordance with the definition of Guidebook Tour concept, the goal of this session is to verify that the functions execute as defined in the API docs
Tester	Whole Team
Further Testing Opportunities?	Could also be tested using invalid inputs

Protocol

- 1. Test: Verify that the .set() function changes the date to the input parameter and a clone is returned
 - a. Status: √
 - b. Documentation/Comments: Passed

```
| File | Edit | Selection | View | Go | Run | Terminal | Help | Composition | Property |
```

- 2. Test: Verify that the .isValid() function confirms a valid date and time according to the rules of the Gregorian calendar and the JavaScript Date object Return clone
 - a. Status: √
 - b. Documentation/Comments: Passed However, the docs say the return type is a clone. The correct return type should be Boolean

```
## Application | ## Ap
```

- 3. Test: Verify that the .log() function will pretty-print the date to the console, for nicer debugging
 - Return clone
 - a. Status: √

b. Documentation/Comments: Passed

- 4. Test: Verify that the .progress() function correctly calculates the progress of a given moment within a specific time frame, such as a day, week, month, or year. The function takes a moment in time and returns a value between 0 and 1, indicating how far that moment is in relation to the start and end of the specified time frame Return Object
 - a. Status: √
 - b. Documentation/Comments: Passed

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| S exploratory/is | S explorato
```

- 5. Test: Verify that the .leapYear() function correctly returns if the current year is a leap year or not Returns Boolean
 - a. Status: √
 - b. Documentation/Comments:

- 6. Test: Verify that the .inDST() function correctly returns if the current selected time zone is in daylight savings time Returns Boolean
 - a. Status: ✓
 - b. Documentation/Comments:

```
## Application | Specified | S
```

- 7. Test: Verify that the .hasDST() function validated if the timezone ever uses daylight-savings and return boolean
 - a. Status: ✓
 - b. Documentation/Comments: Passed

- 8. Test: Verify that the .offset() function correctly calculates the current time difference from Coordinated Universal Time (UTC) while accounting for Daylight Saving Time (DST) Returns number.
 - a. Status: √

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b. Documentation/Comments: Passed

```
| I import spacetime from './src/index.js'
| import spacetime from './src/inde
```

- 9. Test: Verify that .isAsleep() correctly states if a user is asleep, or in this case, the time is between 10pm and 8am Returns boolean.
 - a. Status: √
 - b. Documentation/Comments: Passed

- 10. Test: Verify that the .i18n() internalization function correctly allows a user to switch between different sets of names based on the desired language or regional conventions. Example: In English, 'November' and 'December' are 'Novembre' and 'Vendredi' in French. Returns clone
 - a. Status: √
 - b. Documentation/Comments: Passed

- 11. Test: Verify that the .weekStart() function can be changed to whichever day is desired. The default starting day of the week for this application is Monday Return clone
 - a. Status: √
 - b. Documentation/Comments: Passed

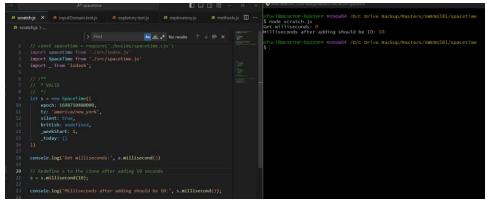
- 12. Test: Verify that the .daysInMonth() function correctly returns the number of days witin the current month (December has 31 days; June has 30, etc.) Returns number
 - a. Status: ✓
 - b. Documentation/Comments: Passed

c.

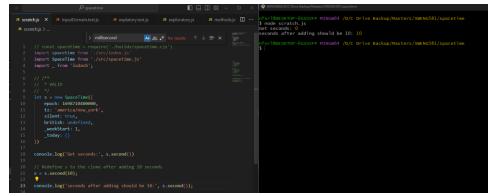
- 13. Test: Verify that .clone() will make a copy of the object and does not reference the original Returns clone
 - a. Status: √
 - b. Documentation/Comments: Passed

```
## scratchip X ## importDomaintestips  ## explorerytestip  ## expl
```

- 14. Test: Verify that .millisecond() will set or return the current number of milliseconds (0-999) Returns a clone if setting and number if getting
 - a. Status: √
 - b. Documentation/Comments: Passed



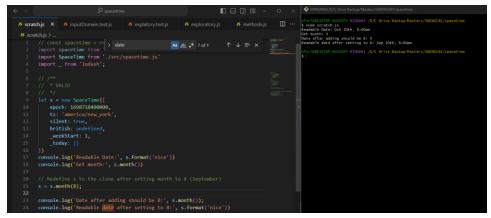
- 15. Test: Verify that .second() will set or return the current number of second (0-59) Returns a clone if setting and number if getting
 - a. Status: √
 - b. Documentation/Comments: Passed



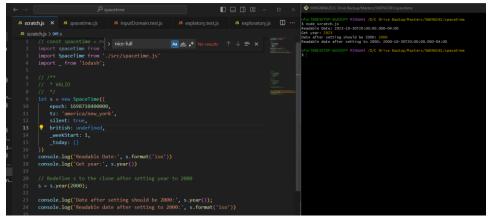
- 16. Test: Verify that .hour() will set or return the current number of hour(0-23) Returns a clone if setting and number if getting
 - a. Status: ✓
 - b. Documentation/Comments: Passed

- 17. Test: Verify that .date() will set or return the current date (1-31) Returns clone if setting and number if getting
 - a. Status: √
 - b. Documentation/Comments: Passed

- 18. Test: Verify that .month() will set or return the zero-based month-number(0-11) Returns clone if getting and number if getting
 - a. Status: √
 - b. Documentation/Comments: Passed



- 19. Test: Verify that .year() will set or return the 4-digit year as an integer Returns clone if setting and return number if getting
 - a. Status: √
 - b. Documentation/Comments: Passed



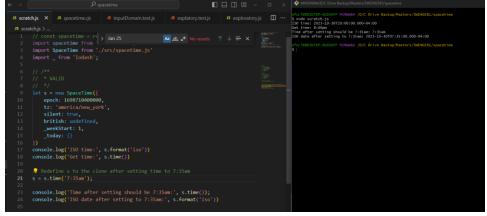
- 20. Test: Verify that .dayOfYear() will set or return the day of the year (1-366) Return clone if setting and number if getting
 - a. Status:
 - b. Documentation/Comments: Passed

```
## S scratch;

## S s
```

- 21. Test: Verify that .time() will set or return the time Return clone if setting and number if getting
 - a. Status: √

b. Documentation/Comments: Passed* - The documentation says it should return a number but it should be returning a string. The function is working correctly, but the documentation needs to be updated.



- 22. Test: Verify that .hourFloat() will set or return the hour + minute in decimal form Returns clone if setting and number if getting
 - a. Status: ✓
 - b. Documentation/Comments: Passed

```
## Scratchjs X ## inporting is ## inputDomaintestjs ## exploratoryjs ## ex
```

- 23. Test: Verify that .day() will set or return the day of the week as an integer, starting on Sunday (day-0) Will return a clone if setting or a number if getting
 - a. Status: ✓
 - b. Documentation/Comments: Passed

```
### Scratchis X ### Bisportimes | ### inputDomaintest.js  ### exploratory.js  ### seploratory.js  ### sepl
```

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- 24. Test: Verify that .ampm() will set or return whether the time is am or pm Returns clone if setting and string if getting.
 - a. Status: √
 - b. Documentation/Comments: Passed

- 25. Test: Verify that .dayTime() will return or set the general time-of-day Returns clone if setting and string if getting
 - a. Status: ✓
 - b. Documentation/Comments: Passed

c.

Nr	What done?	Status	Comment
1	Verify that the .set() function changes the date to the input parameter and a clone is returned	O (
2	Verify that the .isValid() function confirms a valid date and time according to the rules of the Gregorian calendar and the JavaScript Date object – Return clone	O	The docs say the return type is a clone. The correct return type should be Boolean
3	Verify that the .log() function will pretty-print the date to the console, for nicer debugging – Return clone	0	
4	Verify that the .progress() function correctly calculates the progress of a given moment within a specific time frame, such as a day, week, month, or year. The function takes a moment in time and returns a value between 0 and 1, indicating how far that moment is in relation to the start and end of the specified time frame – Return Object	O	
5	Verify that the .leapYear() function correctly returns if the current year is a leap year or not – Returns Boolean	O	
6	Verify that the .inDST() function corectly returns if the current selected time zone is in daylight savings time – Returns Boolean	O	
7	Verify that the .hasDST() function validated if the timezone ever uses daylight-savings and return boolean	O	
8	Verify that the .offset() function correctly calculates the current time difference from Coordinated Universal Time (UTC) while accounting for Daylight Saving Time (DST) - Returns number.	O	
9	Verify that .isAsleep() correctly states if a user is asleep, or in this case, the time is between 10pm and 8am – Returns boolean.	0	
10	Verify that the .i18n() internalization function correctly allows a user to switch between different sets of names based on the desired language or regional conventions. Returns clone	O	
11	Verify that the .weekStart() function can be changed to whichever day is desired. The default starting day of the week for this application is Monday – Return clone	O	
12	Verify that the .daysInMonth() function correctly returns the number of days witin the current month (December has 31 days; June has 30, etc.) - Returns number	0	

25	Verify that .dayTime() will return or set the general time- of-day – Returns clone if setting and string if getting	O (
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