

Test cases #1

JUnit tests for TimelineModel / EventModel / AppModel

TimelineModel

Test Case 1.1: Add an event

Test	Req.	How to test	Expected result
TA1.1	A2	- Add an event to the ArrayList.	The event is in the Timeline.

Test Case 1.2: Add many events

Test	Req.	How to test	Expected result
TA1.2	A2	- Add many events to the ArrayList.	The events are in the Timeline.

Test Case 1.3: Delete an event

Test	Req.	How to test	Expected result
TD1.1	D2	- Delete an event from the ArrayList.	The event is removed from the Timeline.

Test Case 1.4: Delete many events

Test	Req.	How to test	Expected result
TD1.2	D2	- Delete many events from the ArrayList.	The events are removed from the Timeline.

Test Case 1.5: Delete non-existent

Test	Req.	How to test	Expected result
TD1.3	D2	- Delete non-existent.	Ignore it. Timeline stays the same.

Test Case 1.6: Modify timeline in a way that works

Test	Req.	How to test	Expected result
TM1.1	M1	- Way that works.	Timeline is successfully modified.

Test Case 1.7: Modify timeline in a way that doesn't work

Test	Req.	How to test	Expected result
TM1.2	M1	- way that doesn't work (end date before start date)	Throws Error

EventModel

Test Case 2.1: Modify event in a way that works

Test	Req.	How to test	Expected result
TM2.1	M2	- Way that works.	Event is successfully modified.

Test Case 2.2: Modify event in a way that doesn't work

Test	Req.	How to test	Expected result
TM2.2	M2	- way that doesn't work (end date before start date)	Throws Error

AppModel

Test Case 3.1: Add a timeline

Test	Req.	How to test	Expected result
TA3.1	A1	- Add a timeline to the ArrayList.	The timeline is in the ArrayList.

Test Case 3.2: Add many timelines

Test	Req.	How to test	Expected result
TA3.2	A1	- Add many timelines to the ArrayList.	The timelines are in the ArrayList.

Test Case 3.3: Delete a timeline

Test	Req.	How to test	Expected result
TD3.1	D1	- Delete a timeline from the ArrayList.	The timeline is removed from the ArrayList.

Test Case 3.4: Delete many timelines

Test	Req.	How to test	Expected result
TD3.2	D1	- Delete many timelines from the ArrayList.	The timelines are removed from the ArrayList.

Test Case 3.5: Delete non-existent

Test	Req.	How to test	Expected result
TD3.3	D1	- Delete non-existent.	Ignore it. App stays the same.

Test results – JUnit tests

TimelineModel - Tianyi

Test	Req.	Test Result	Comment
TA1	A1	passed passed	An event or events are in the Timeline.
TD1.1	D1	passed passed	No longer that Event or events in the Timeline.
TD1.2	D1	passed	Timeline stays the same.
TM1.1	M1	Not implemented	
TM1.2	M1	Not implemented	

EventModel - Idris

Test	Req.	Test Result	Comment
TM2.1	M2	Not implemented	
TM2.2	M2	Not implemented	

AppModel - Ruth

Test	Req.	Test Result	Comment
TA3.1 TA3.2	A3	Passed Passed	One timeline and many timelines are successfully added.
TD3.1 TD3.2	D3	Passed Passed	One or many timelines are successfully deleted.
TD3.2	D3	Not implemented	