MITWYES	20 (03)25: 21
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Task (
- Stateless Widget life cy	yde
I 1	nge state after contion.
Lifeyele Methods:	
Constauctor: Called who	hen the widget is executed.
build(): Called to se	ender the UI.
2- Stateful Widget lifecycle	
1- Creation Phase:	
: Constructor: Called when	n the widget is eseated.
· cseateState(): Cseates +	the associated state object.
H H	cleck if the widget
is in the widge	et tree.
2-Initialization Phase:	
- initstate(): (alle	ed once for one-time
setap.	
4	Called after init State()
and when dependen	ray danges.
3- Build Phase:	
· build (): Called to	sendes the U.I.

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4- Update Phase:	
· did update Widget(): (alled when	the widget
is updated with new con	figuration.
· Set State(): Toiggers a sebuild	of the
widget.	
5- Destruction Phase:	
· deactivate(): Called when the	widget
is temposasily senared From	the tree.
· dispose(): Called when the	widget
is permanently served.	
Lifecycle Flow:	
1. Creation: Constructor → create State	() -> initstate()
-> didchange Dependencies() -> builde).
2. Update: did Update Widget () -> bu	ild ().
3. Destruction: deactivate () → dispose	U.
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