Execut Serle (in soveful components) View Input helds: String Ervar Labels: String 1. email 1- owarl 2. prismood 2. password 3 confun Password 3. confrom Passmood 4. age (optimal) Checkbox: Bool 5. neepelobicy 5. accept phing stateless input devices/caponer Butters 1. Submit 2. (ance (1. (instant featherly, after 1st submission) tray key strake 2. Refre submission (Kranslate external state who when sence with intend representation / business model encoded in the type system, so then when the protection of the type system when transforming the data P.g. Ison. Peade

External Stale Internal Representation Validate Volither Story Euro Type Field: Strily -> Email = Strily I > Some Password = Stry V~ stury p~ I - : 5 - (onfirm largeword = Strry v~ sery CP_ $I \sim S \sim Age = Int$ V~ Int Age V~ Barl Pt~ (heckbox: Boo (-> Policy Acceptance = Boo (Field van a = Field van (Validity a)

| String
| Boo(Validity a = | NotValtdorled \(\sigma \) | NotV \\ \tag{Valid a} \\ \tag{Valid EvvMsg} \] ENMsg = String > Reale Earths b Vulidaev ab = a(internal) Frence a = On Submit Capture on

On Change a difference before and after the on the control of the capture of a capture the desired behavior of difference before and after list submit. Carrae Male (de pondoncies / G-strahts between state variables

	n and Rol ac
(-	Regulaced Behavior Instant Seedlands only after (set submission attempt. (display Error labels in View)
	(display britishes) in view) 1) one additional state variable:
	atempted Once: Bool
	ii) Union type on top Tirsettelege Model of currere seneghold: Other Attorpe Model
	of currer sence model Other Attage Model
	(no structural chases, unfavorable)
otle	Rayn Charles
	. Submit button is disabled until all fields are valid
2	. Insul feedback storts (for each field except confirmillared)
	afor 1se valed input

Field is a runed subdimenter that encodes one row impre (variable) and the validation states of this piece of impressation, without confirm forsword, so we can use Applicative to coordinate results email: (raw, Not Vahidared) -> (raw, [Vahid or]

Throtial ErrMsy

[]

[]

[]

[] Pure (submit) (x> get Validity email (x> got Validay passed (x>... If a large number of fields are validated by the some vahidation light c/furetion, can pue then in a list out use traverse.

 dependency group constrate
the validation result of confirmlassword
depends on the volidation repull of password.
possword = (, Not Vahidach) Truckiel ~
rlwys
Validation result