```
┌─ State ────────────────────────────────────────────────────────────
│  name : NAME
│  address : ADDRESS
│  phone : PHONE
└────────────────────────────────────────────────────────────────────
```

//START:schema-AddEmployee

```
┌─ AddEmployee ──────────────────────────────────────────────────────
│  phone : PHONE
└────────────────────────────────────────────────────────────────────
```

//STOP:schema-AddEmployee

```
┌─ UpdateEmployee ───────────────────────────────────────────────────
│  name : NAME
│  phone : PHONE
└────────────────────────────────────────────────────────────────────
```

```
┌─ MakeAppointment ──────────────────────────────────────────────────
│  apptime : TIME
│  doc : DOCTOR
│  fee : FEE
└────────────────────────────────────────────────────────────────────
```

channel $in : DOCTOR$
channel $out : FEE$
channel $outMe : NAME$
channel $add : ADDRESS$
channel $ph : PHONE$

process $Major \cong$ **begin**

state $State$

$sysAddEmployee \cong (\textbf{var}\ name : NAME;\ address : ADDRESS;$
$\qquad phone : PHONE \bullet outMe?name add?address ph?phone(AddEmployee))$

$sysUpdateEmployee \cong (\textbf{var}\ name : NAME;\ address : ADDRESS;$
$\qquad phone : PHONE \bullet outMe?name add?address ph?phone(UpdateEmployee))$

$sysMakeAppointment \cong (\textbf{var}\ apptime : TIME;\ doc : DOCTOR;\ fee : FEE \bullet in?doc out?fee(MakeAppointment))$

end