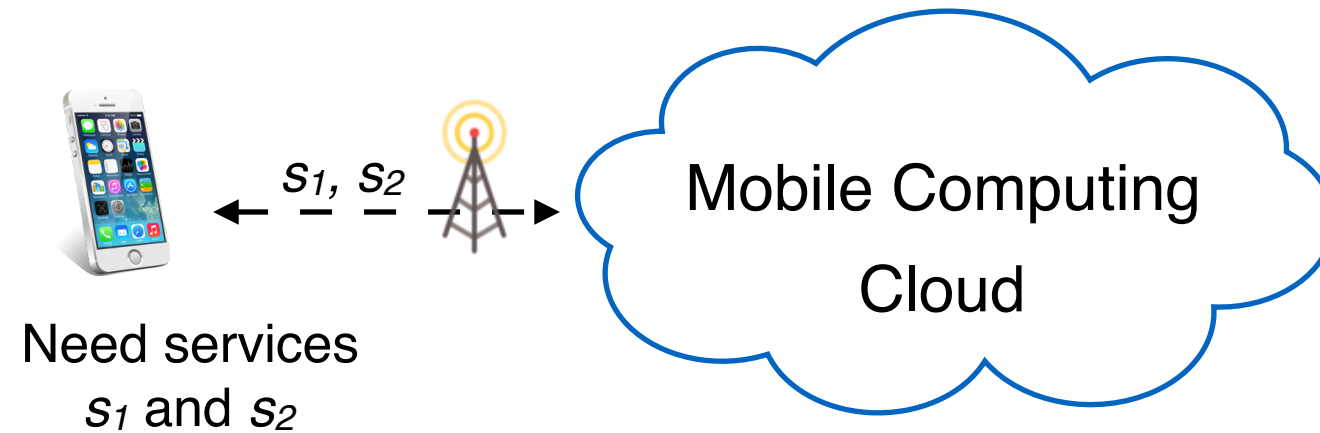
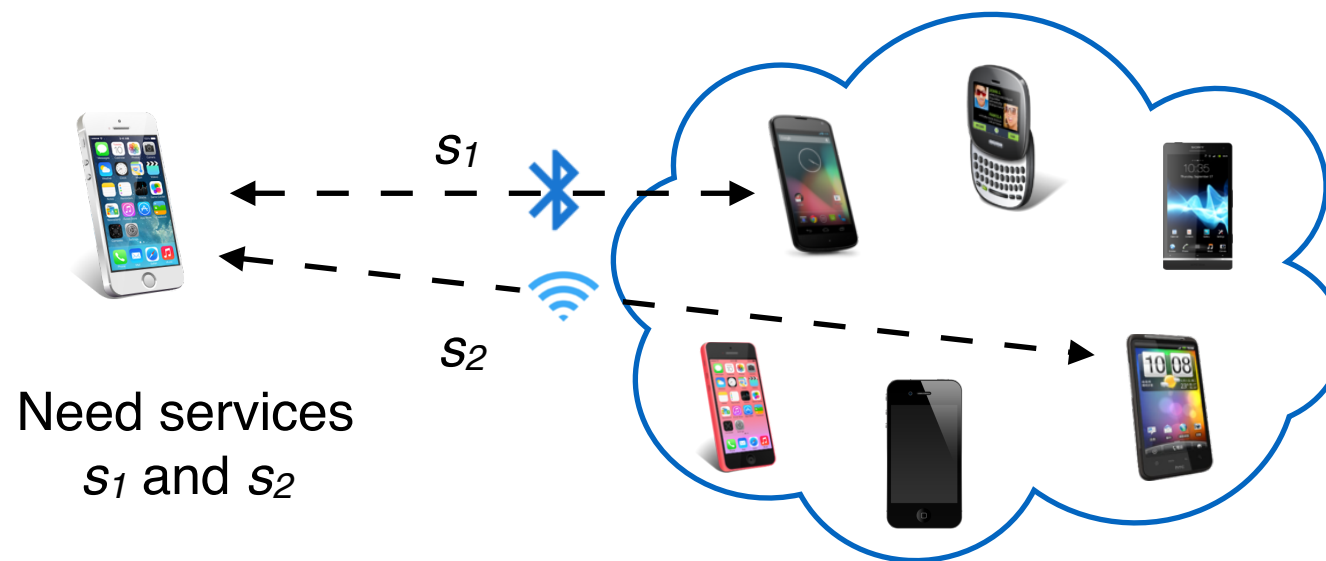


Cloud computing: offloading resource-intensive tasks to distant cloud

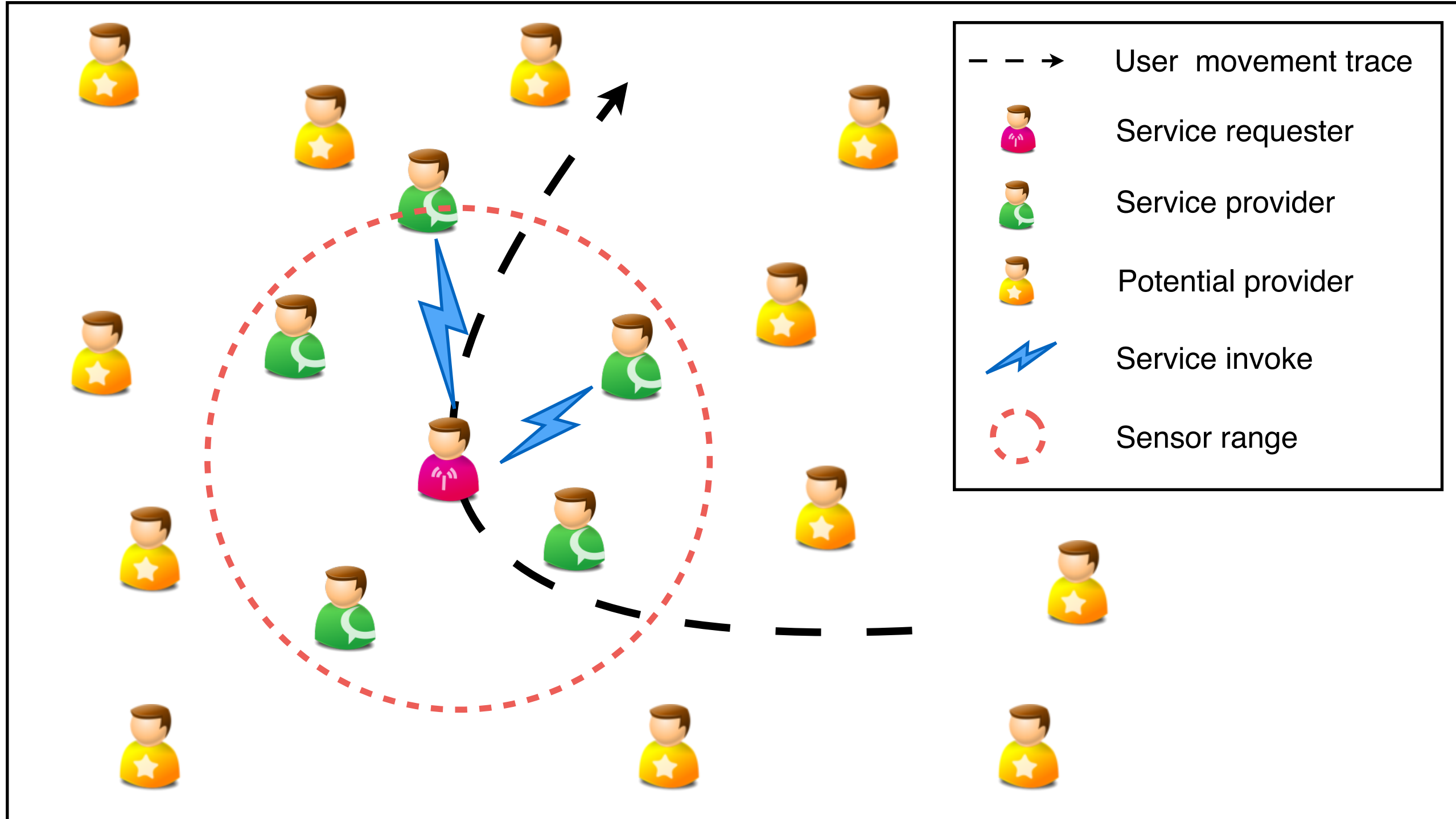


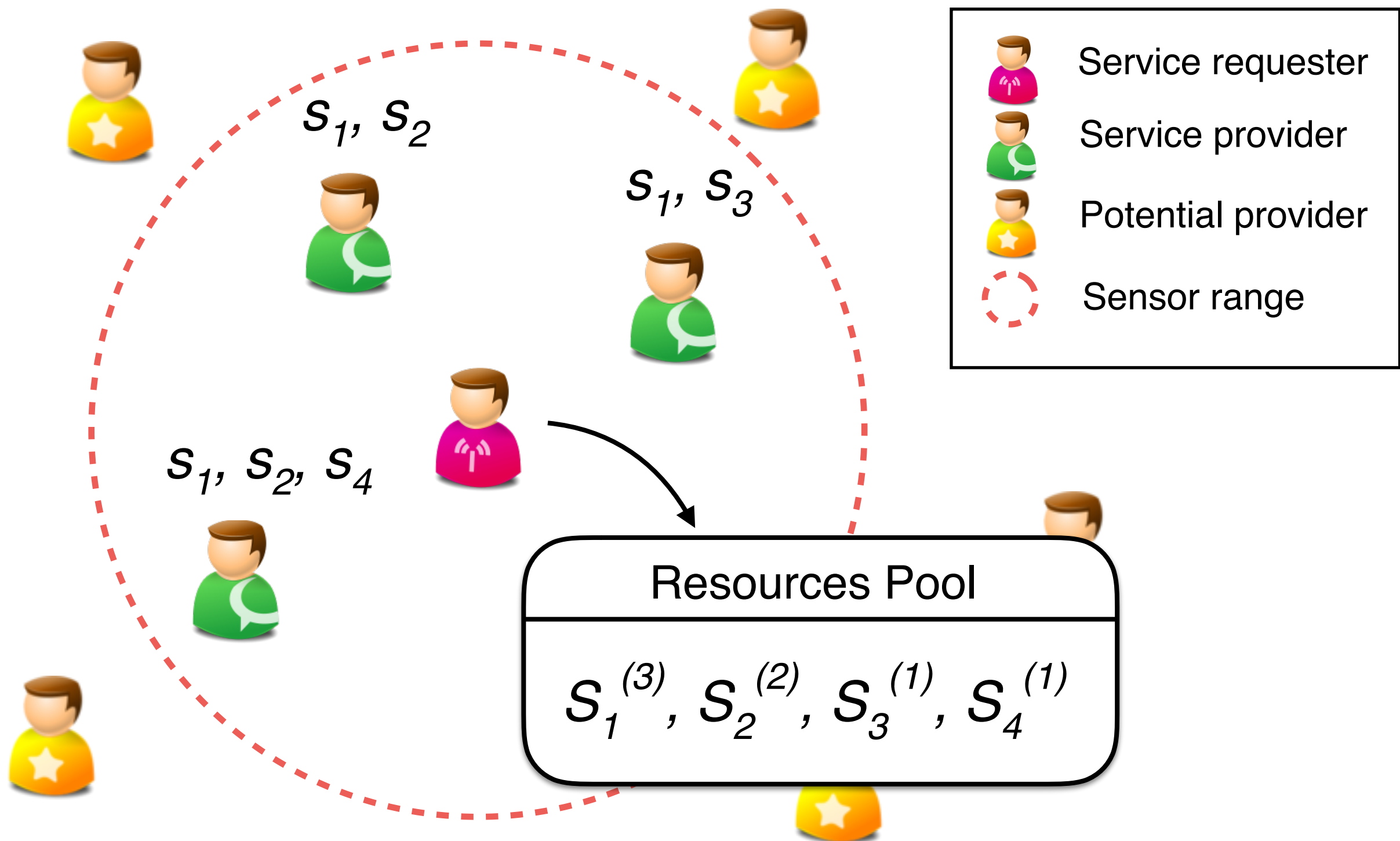
- Using cellular network
- Energy-intensive data transfer
- Extreme centralization

Opportunistic computing: exploit nearby devices' resources



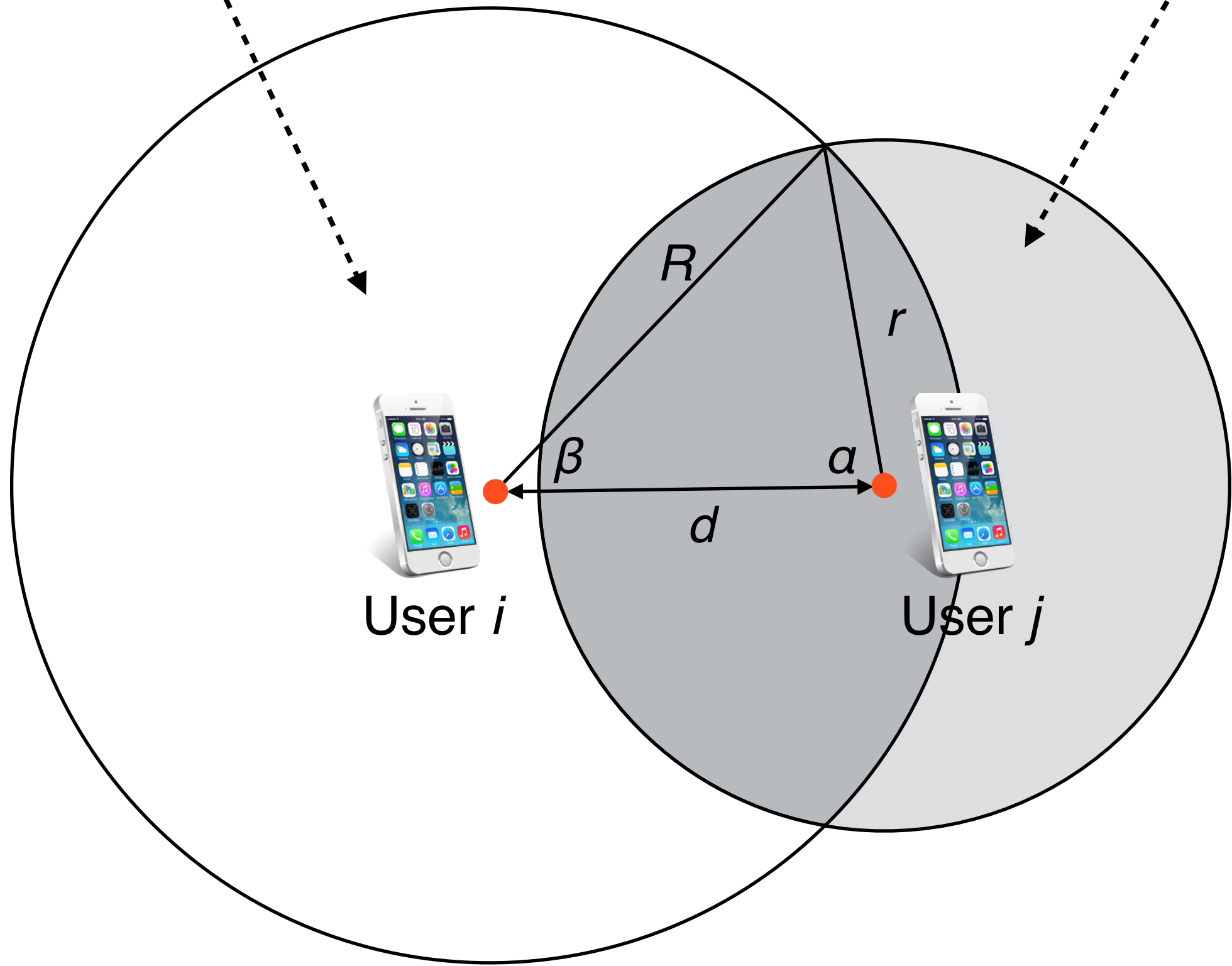
- Through D2D link
- Energy-saving data transfer
- Depend on human mobility



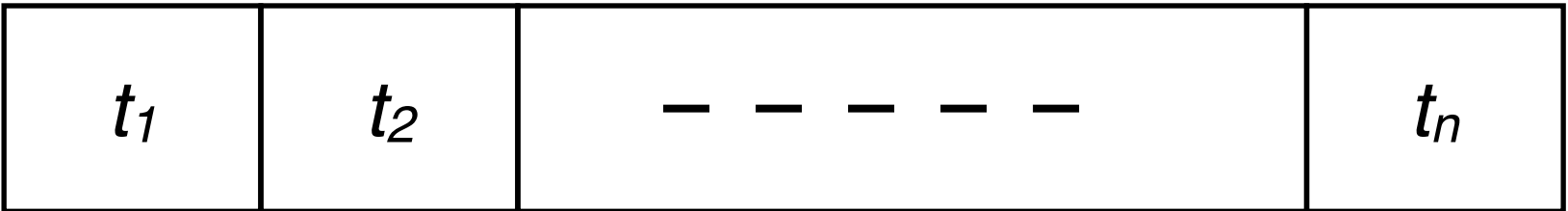


Transmission range of i

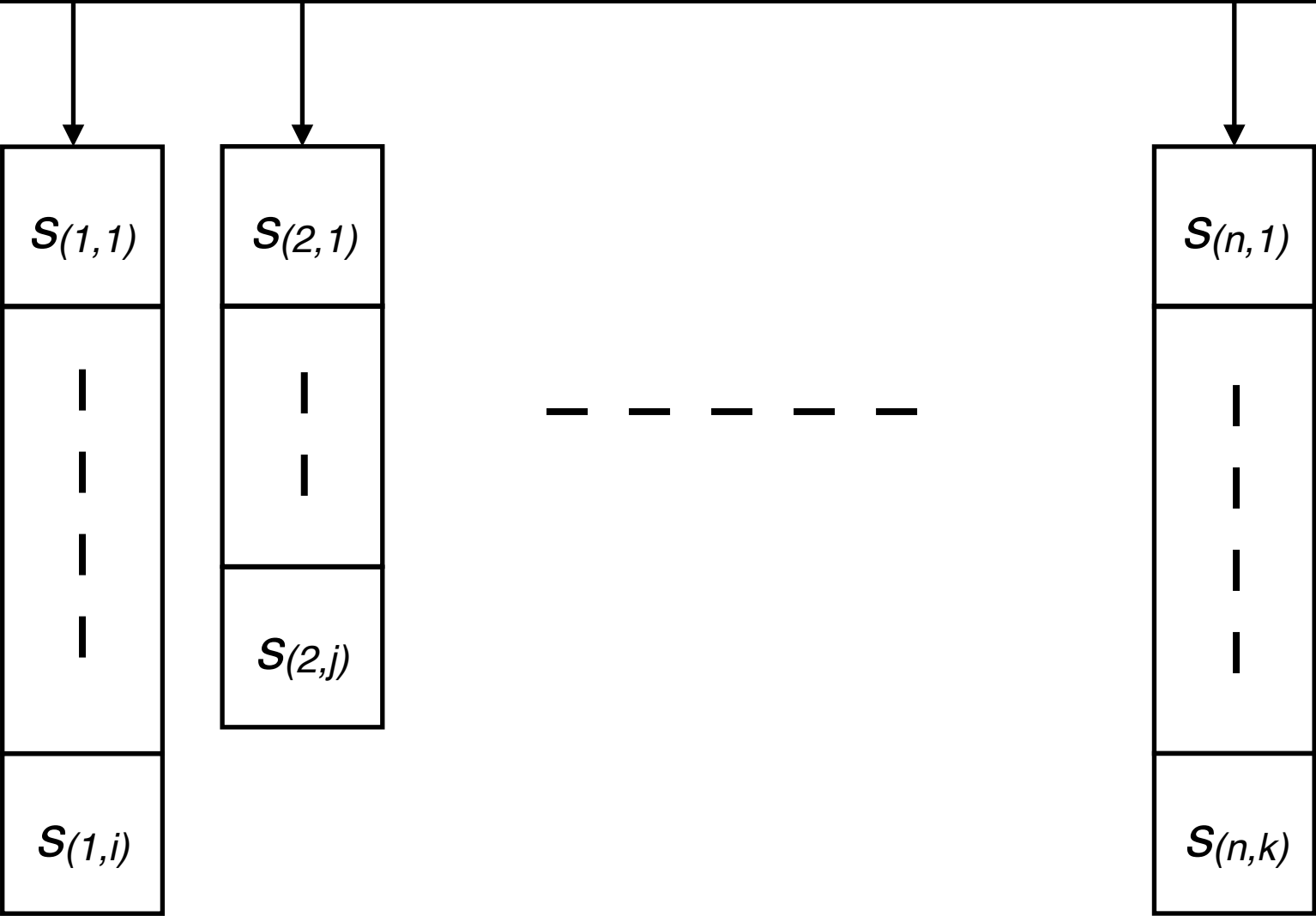
Moving field of j



Krill Individual



Candidates
Services



Stud

1	3	6	4	3	2	5	1
---	---	---	---	---	---	---	---

Cv

0	0	1	0	0	0	1	0
---	---	---	---	---	---	---	---

Individual X_i

2	3	1	4	6	5	2	3
---	---	---	---	---	---	---	---

Offspring

2	3	6	4	6	5	5	3
---	---	---	---	---	---	---	---

