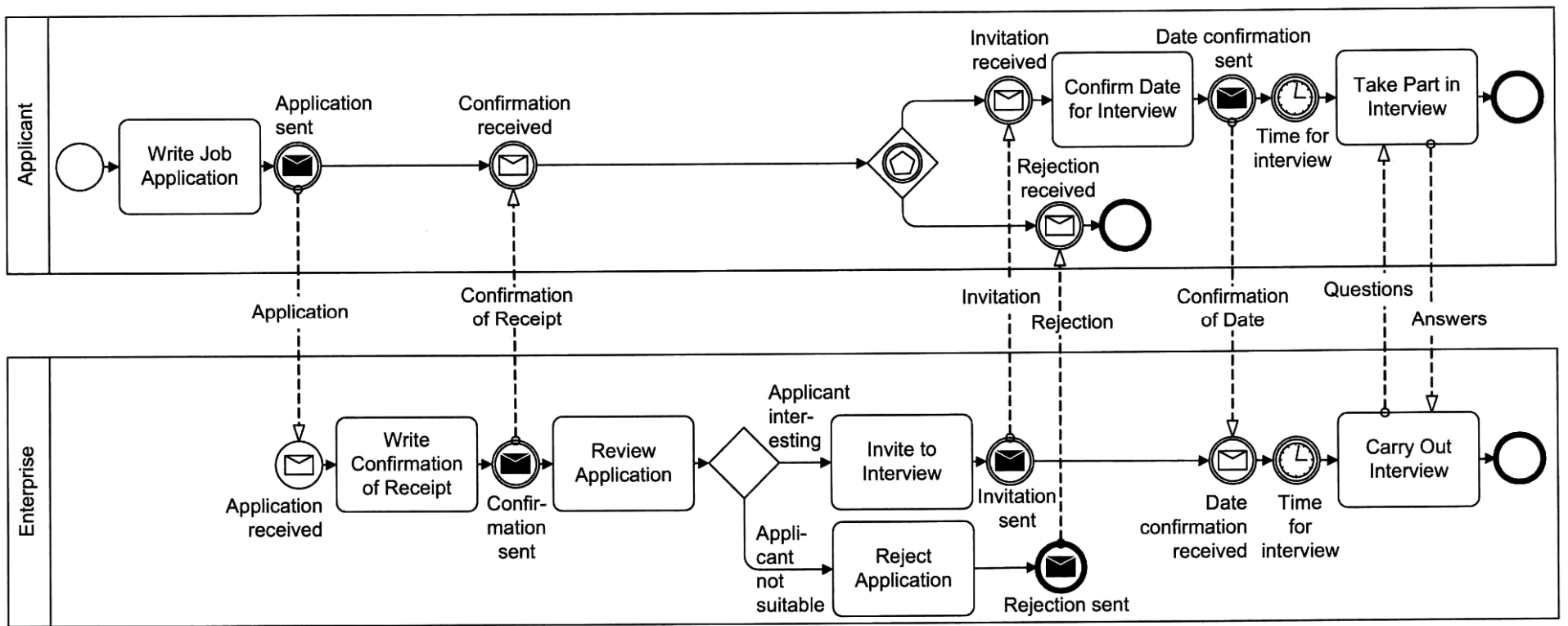# Job application

- The interaction between a job applicant and an enterprise.

1. An Applicant begins to search for a job
2. The Applicant writes a job application
3. The application has been sent to the Enterprise
   (The Applicant waits for the confirmation of receipt)
4. The Enterprise has received the Application from the Applicant
5. The Enterprise writes the confirmation of receipt
6. The confirmation of receipt from the Enterprise has been sent to the Applicant
7. The Applicant has received the confirmation of receipt from the Enterprise
   (The Applicant waits for receiving an invitation or a rejection)
8. The Enterprise reviews the application

9.1. If the Applicant is not suitable
9.1.1. The Enterprise rejects the application
9.1.2. A message of rejection has been sent from the Enterprise to the Applicant
      (The Enterprise rejected the Applicant)
9.1.3. The rejection message of the Enterprise has been received by the Applicant
9.1.4. The Applicant has been rejected by the Enterprise.

9.2. If the Applicant is interesting
9.2.1. The Enterprise Invites the Applicant to interview
9.2.2. The invitation to interview of the Enterprise has been sent to the Applicant
      (The Enterprise waits for a confirmation of date)
9.2.3. The invitation to interview of the Enterprise has been received by the Applic
9.2.4. The Applicant confirm the date for the interview
9.2.5. The confirmation of date of the Applicant has been sent to the Enterprise
9.2.6. The confirmation of date of the Applicant has been received by the Enterprise
9.2.7. Time needed for starting the interview has elapsed
9.2.8. The Applicant takes part to the interview, receiving questions and providing
      answers. The Enterprise carries out the interview, asking questions and
      receiving answers.
9.2.9. The interview is ended.

E-mail voting system

- Management of an E-mail Voting system

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1. It is Friday
2. The System receives the Issue List
3. The System reviews the Issue List
4.1 If there are no issues ready for vote
4.1.1 End
4.2 If there are issues ready for vote
4.2.1 The System announces issues for vote
4.2.2 The System sends the issue announcement to Voting Members
     (The Voting Members receive the announcement from the System)
4.2.3.a.1 6 days have been elapsed since the announcement
4.2.3.a.2 The System sends to Members a deadline warning for vote
        (The Members receive the deadline warning)
4.2.3.a.3 ➔ 4.2.4
4.2.3.b.1 The Voting Members send votes to the System, the System collects votes
4.2.3.b.2 7 days have been elapsed since the start of the vote collection
4.2.4 Wait for the end of both flows 4.2.3 a and b
4.2.5 The System prepares results
4.2.6.a The posts results on Web Site ➔ 4.2.7
4.2.6.b The System sends results of vote to Voting Members
       (Voting Members receive results of vote from the System)
4.2.7 Wait for the end of both flows 4.2.6 a and b)
4.2.8.1 If enough members vote ➔ 4.2.9
4.2.8.2 If not enough members vote
4.2.8.2.1 If members have been warned
4.2.8.2.1.1 Reduce the number of voting members and recalculate vote ➔ 4.2.8.1
4.2.8.2.2 If members have not been warned
4.2.8.2.2.1 The System re-announce vote with warning to Voting Members
          (The Voting Members receive the vote with warning from the System)
4.2.8.2.2.2 ➔ 4.2.3.b.1
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4.2.9 (go on)
4.2.9.1 If there are no issues with majority ➔ End
4.2.9.2 If there are issues with majority
4.2.9.2.1 Reduce to two solutions
4.2.9.2.2 The System announces the vote only to Voting Members that have to change
          votes (Voting Members receive the change vote message from the System)
4.2.9.2.3 ➔ 4.2.3.b.1
```