*public List<Medie> calculeazaMedii() throws ClasaException {*

*// TODO Auto-generated method stub*

*1 List<Medie> medii = new LinkedList<Medie>();*

*2 if(clasa.size() >= 0) {*

*3 for(Elev elev : clasa.keySet()) {*

*4 Medie medie = new Medie();*

*­5 medie.setElev(elev);*

*6 int nrMaterii = 0;*

*7 double sumaMedii = 0;*

*8 double medieElev = 0;*

*9 for(String materie : clasa.get(elev).keySet()) {*

*10 nrMaterii++;*

*11 List<Double> noteElev = clasa.get(elev).get(materie);*

*12 int nrNote = noteElev.size();*

*13 int i = 0;*

*14 double suma = 0;*

*15 if(nrNote >= 0) {*

*16 while(i < nrNote) {*

*17 double nota = noteElev.get(i);*

*18 suma += nota;*

*19 i++;*

*}*

*20 sumaMedii = sumaMedii + suma/i;*

*}*

*}*

*21 medieElev = sumaMedii / nrMaterii;*

*22 medie.setMedie(medieElev);*

*23 medii.add(medie);*

*}*

*}*

*else*

*25 throw new ClasaException(Constants.emptyRepository);*

*26 return medii;*

*27 }*