2025-1-RO01-KA121-VET-000319082

4IT Erasmus+Project, 2025-1-RO01-KA121-VET-000319082

Beneficiary: "Gheorghe Vranceanu" National College, Bacau

Sending organization: "Gheorghe Vranceanu" National College, Bacau

MOBILITY PORTFOLIO

Valencia, Spain

Mobility period 24.10.2025- 06.11.2025

Practice period: 25.10.2025-05.11.2025

RECEIVING COMPANY: COMPACSERVER S.L.

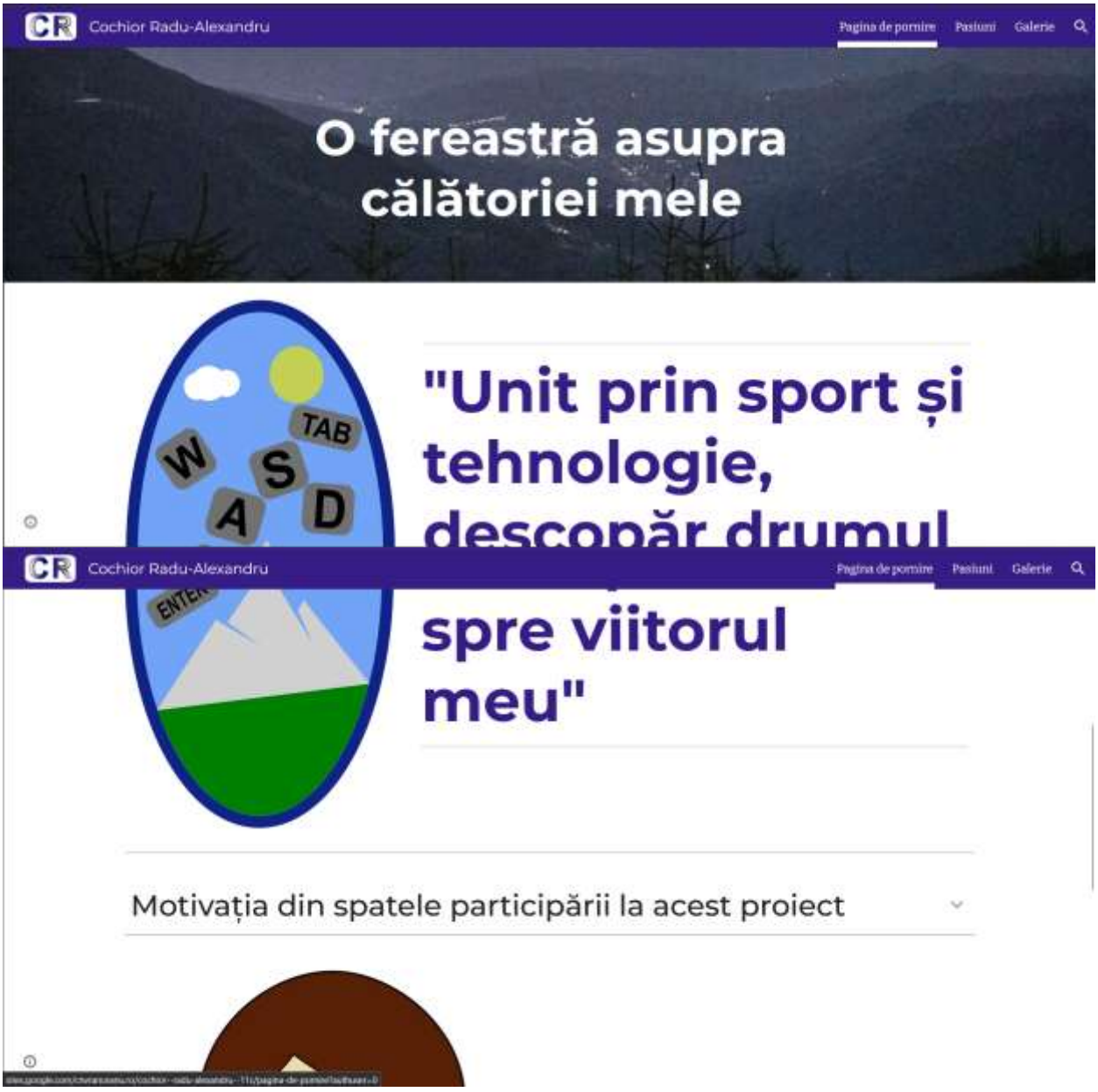
Practice tutor: Joel Gómez Padial

Participant: Cochior Radu-Alexandru

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Sectiunea 1:



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Fotbalul

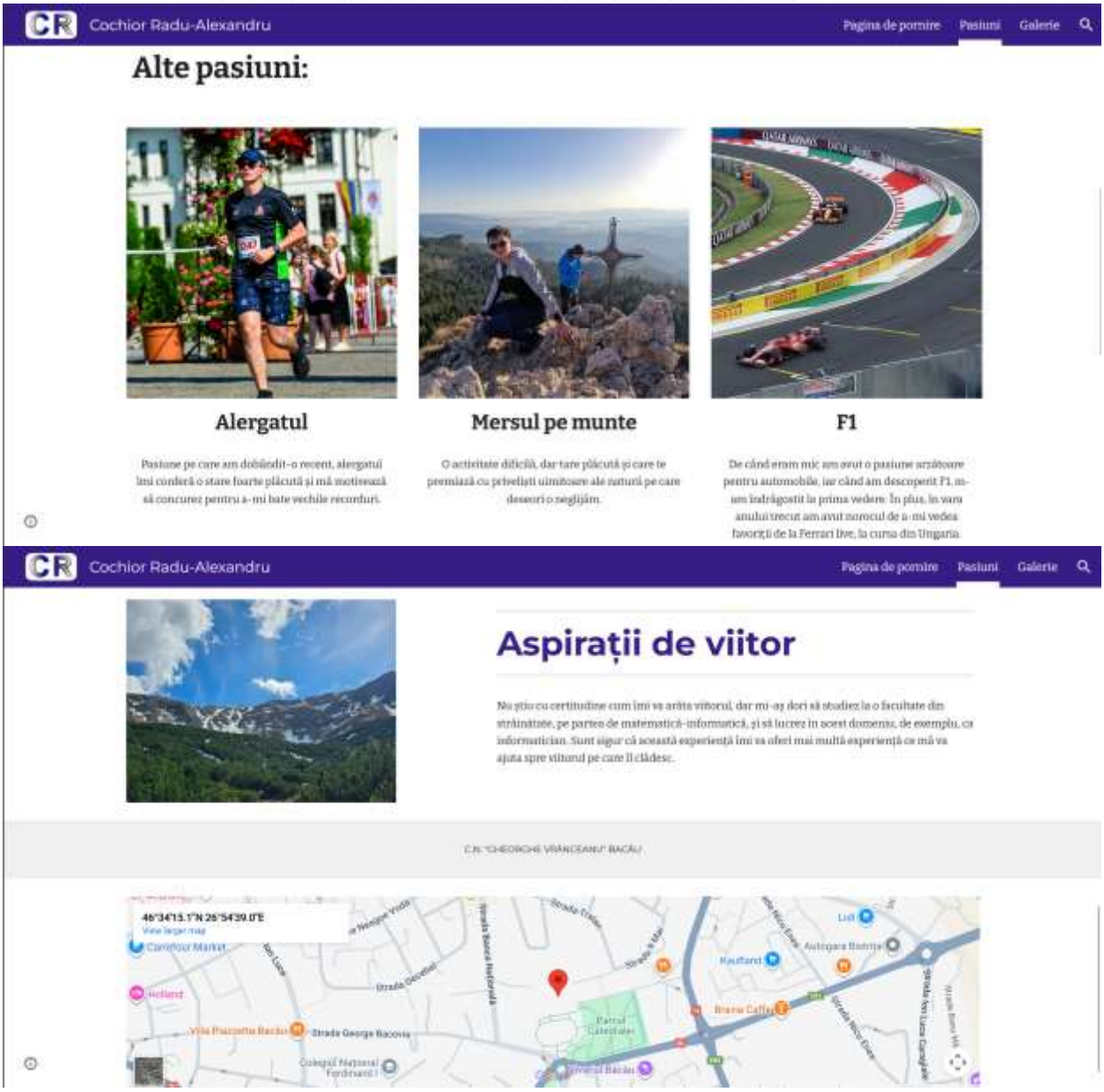
Fotbalul este sportul meu preferat, îmi place să îl urmăresc la TV și online, dar, de asemenea, să îl practic cu prietenii în timpul liber. Apreciez faptul că acest sport se bazează pe tactici și muncă în echipă, la fel de mult cât se bazează pe tehnică individuală. Echipa mea favorită din România este FCSB, iar din Europa este FC Barcelona, jucătorul meu favorit fiind Leo Messi, care a jucat în trecut la această din urmă echipă. Consider că fotbalul este un sport care poate dezvolta atât disciplina individuală, cât și colaborarea cu ceilalți.

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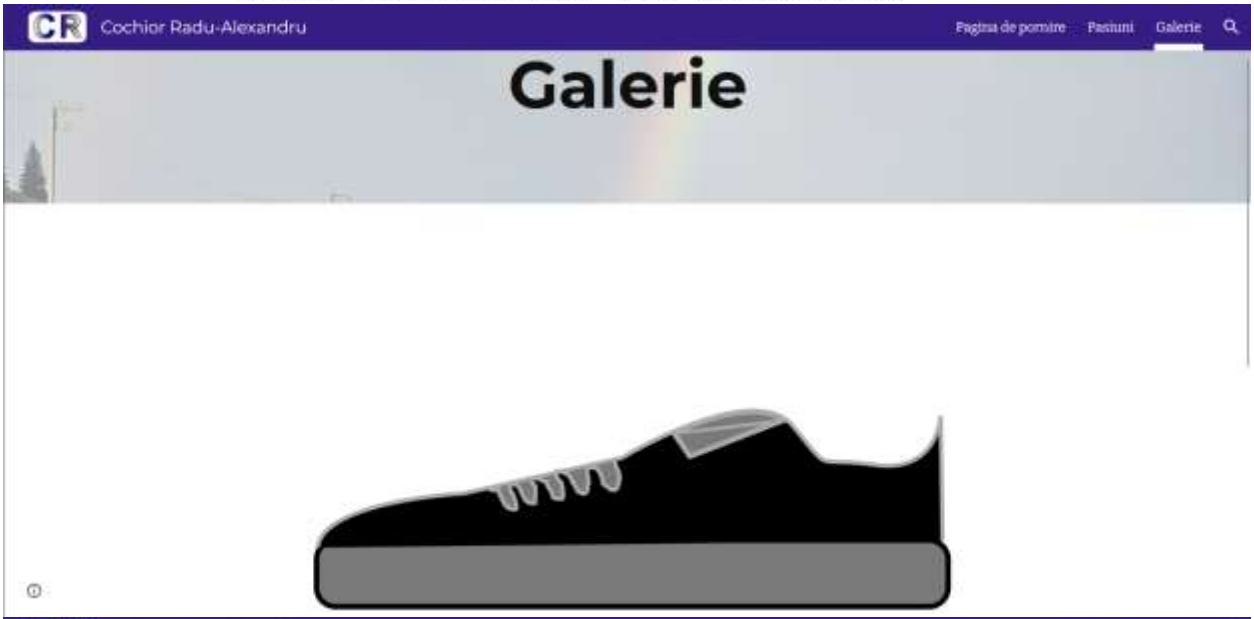
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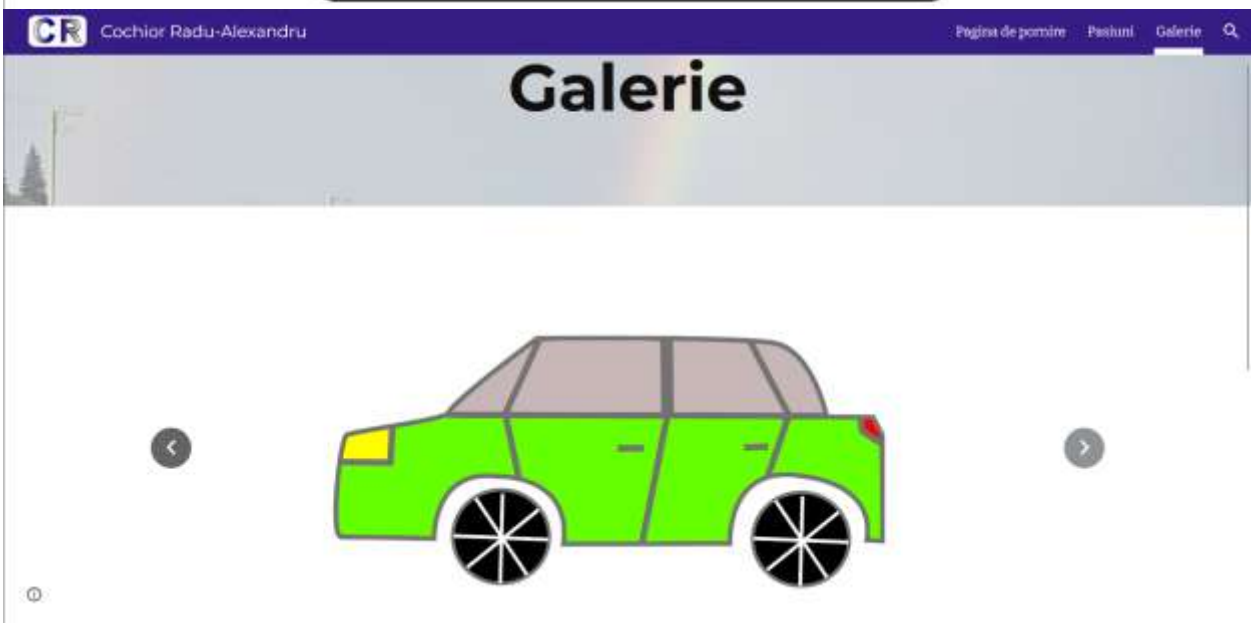
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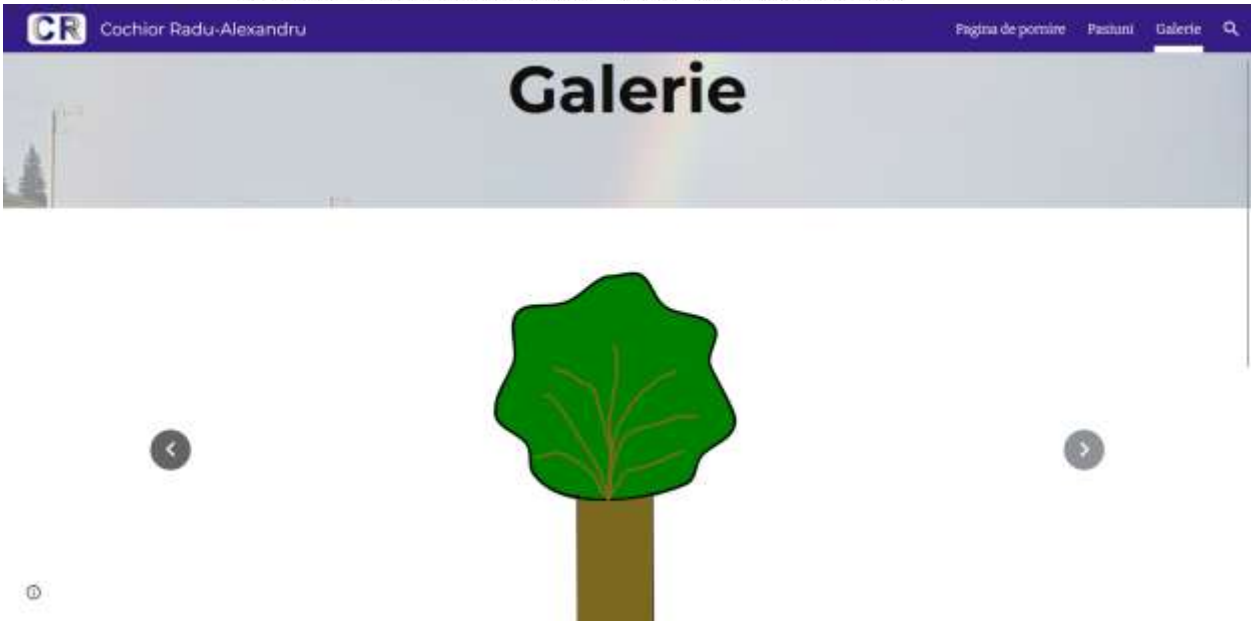
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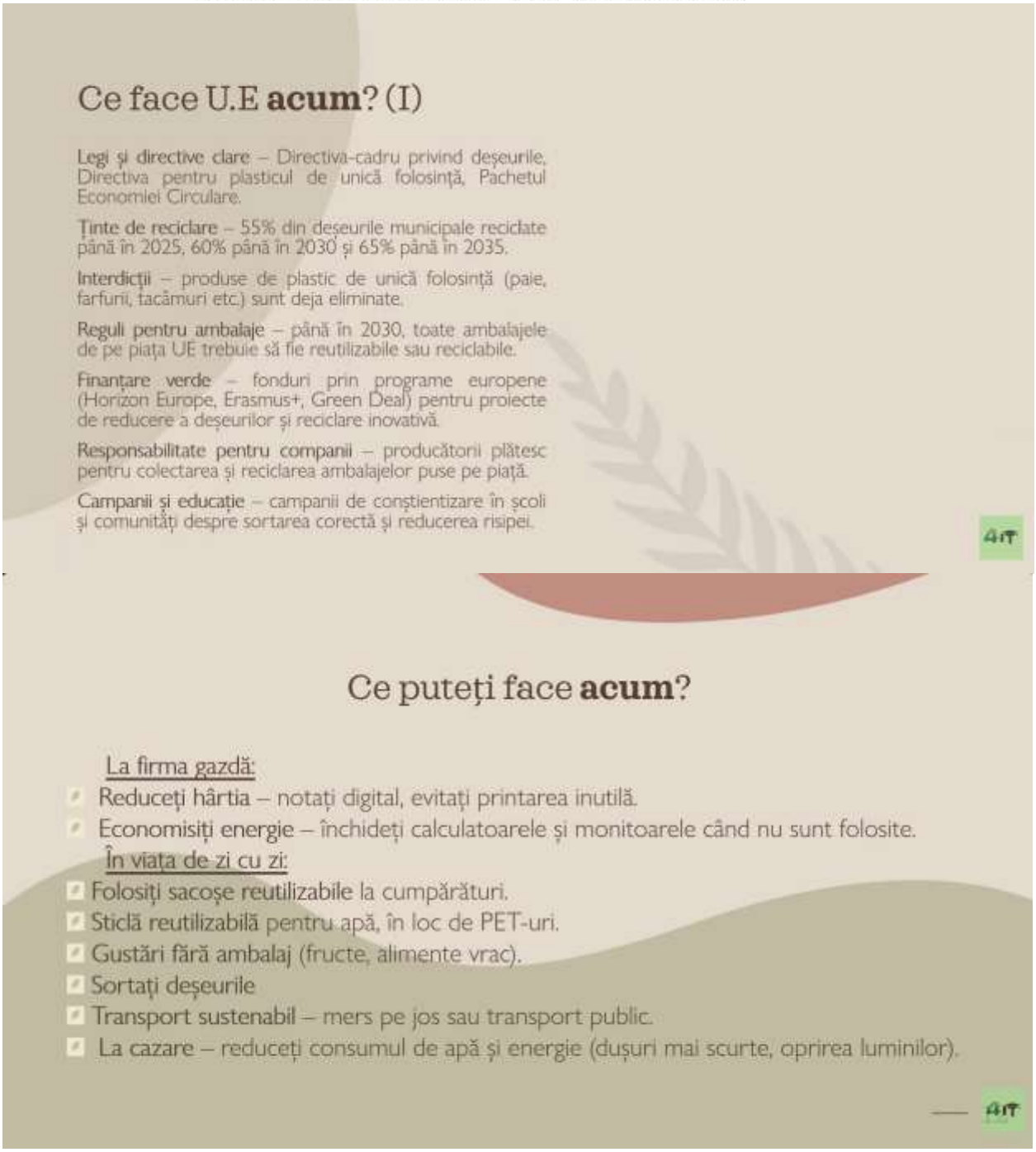


Pregătire culturală:

1)Comportament sustenabil și protecția mediului:

a) Reducerea deșeurilor:

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1b) utilizarea resurselor regenereabile:

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2)Competențe cheie Europene:

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3)Valencia - prezentare generală:

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4)Diversitatea Culturală și Combaterea Discriminării:

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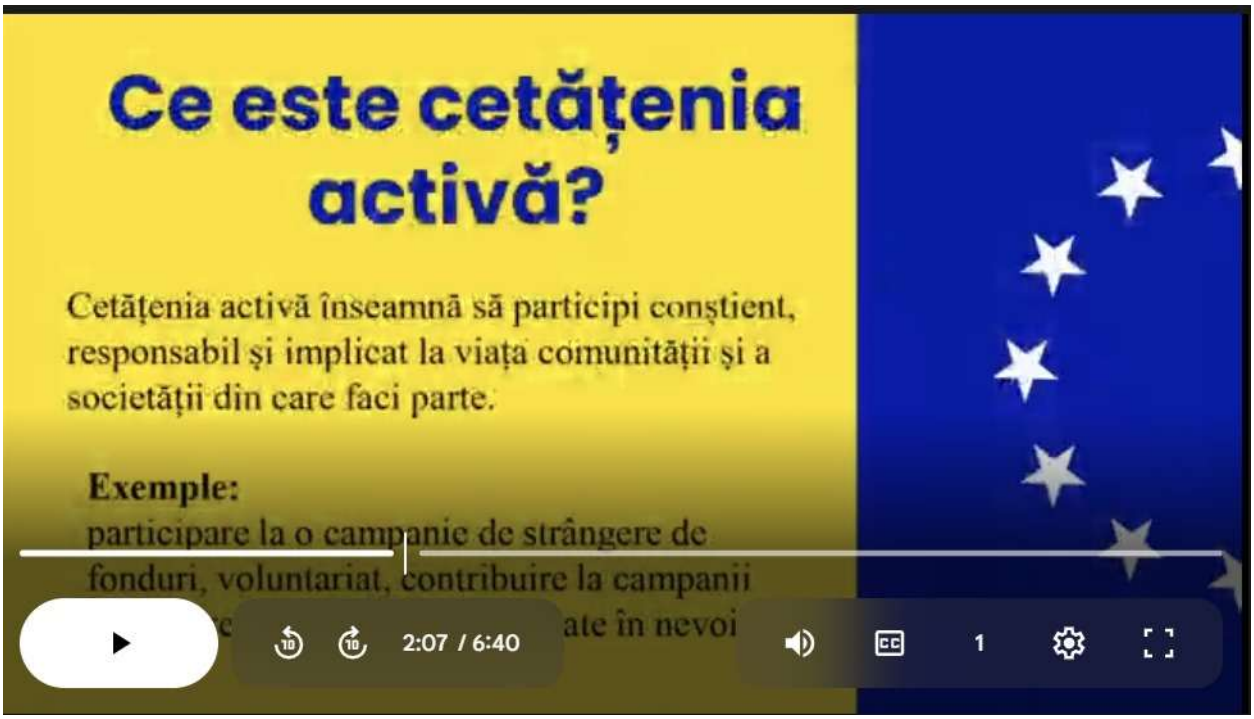


5)Valori europene, cetatenie activa si implicare democratica:

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6)Dezvoltare durabila si antreprenoriat: economia circulara:

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PROIECT-PILOT

EcoStart – Afacerea verde a elevilor



- Descriere generală:

- EcoStart este un proiect-pilot desfășurat în cadrul școlii, în care elevii sunt încurajați să:

1) Colecteze materiale reciclabile (plastic, hârtie, textile, doze, lemn etc.);

2) Redesign: Transformă aceste materiale în produse utile sau decorative, precum:
- decorațiuni eco;
- penare realizate din materiale textile reciclate;
- ghivece din PET-uri sau cutii metalice;
- suporturi de birou sau obiecte de organizare;

3) Vânzare la un târg școlar:
- Se organizează un EcoTârg în curtea școlii sau într-un spațiu comun;
- Elevii se ocupă de promovarea, amenajarea standurilor și vânzarea produselor;
- Se pot crea echipe cu roluri: producători, designeri, vânzători, comunicatori;

4) Reinvestirea profitului:
- Banii obținuți sunt folosiți pentru activități ecologice, cum ar fi:
- plantări de copaci și flori în curtea școlii sau în comunitate;
- campanii de conștientizare (afișe, pliante, clipuri video);
- acțiuni de ecologizare a parcurilor sau zonelor verzi.

- *Scopul proiectului:*

Promovarea antreprenoriatului responsabil, educației ecologice și creativității în rândul elevilor, prin valorificarea materialelor reciclabile în mod sustenabil.

Economia circulară - 4R

- Economia circulară este un model economic bazat pe ideea de reutilizare, reparație, refabricare și reciclare a materialelor și produselor existente. Obiectivul principal este de a reduce risipa și de a menține valoarea resurselor cât mai mult timp în economie.
- Spre deosebire de modelul liniar clasic (care presupune extragerea materiilor prime, fabricarea produselor, utilizarea lor și apoi eliminarea ca deșeuri), economia circulară imită sistemele naturale, în care nimic nu se pierde, ci totul este reintegrat în ciclul vieții.





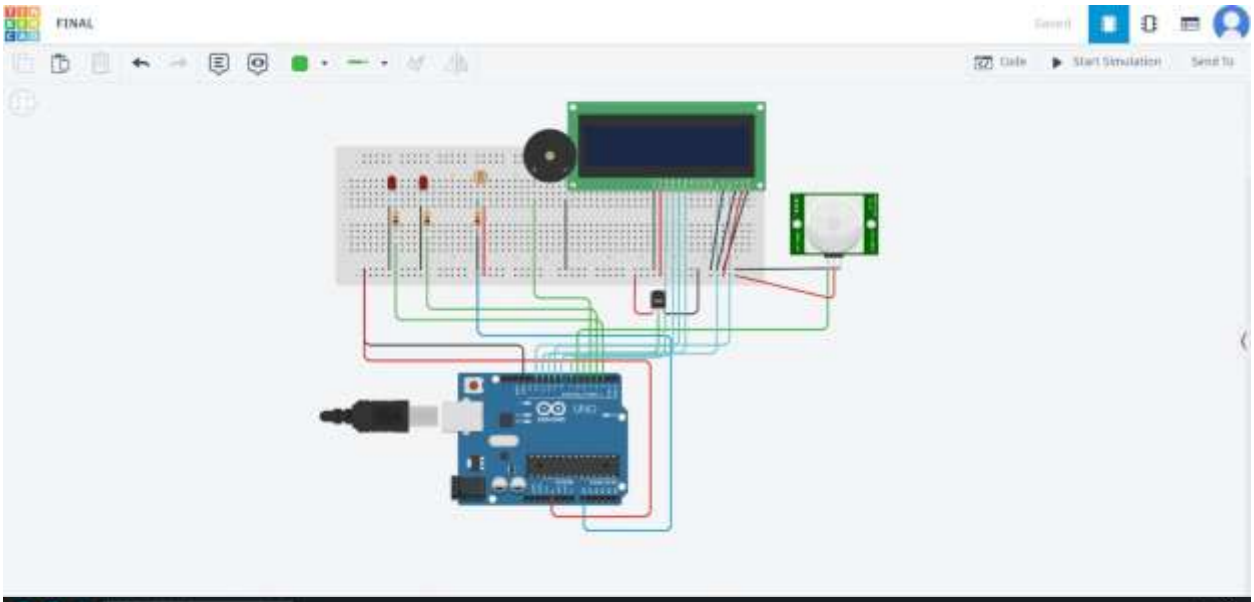


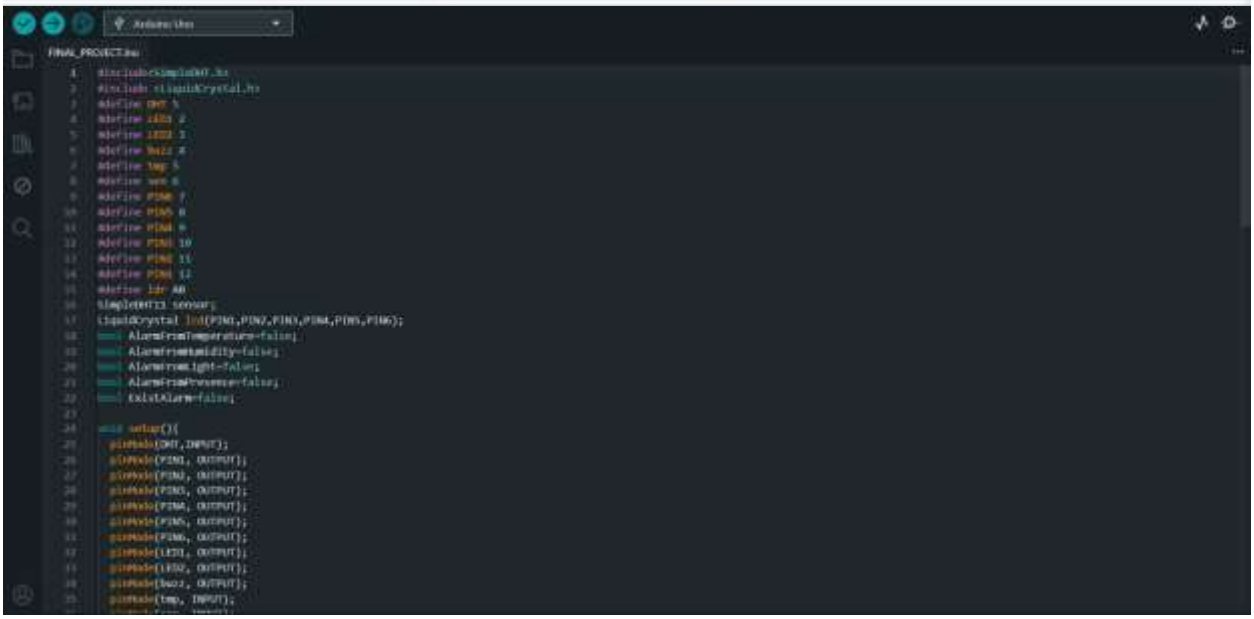


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Sectiunea 2:Home station Controle



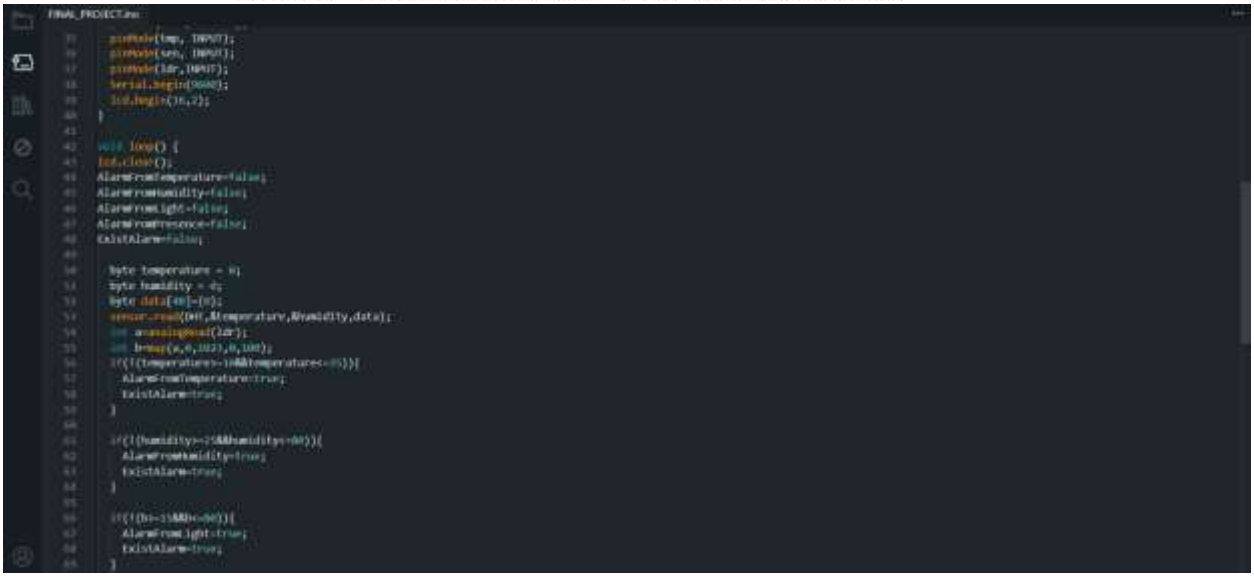


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```
pinMode(tmp, INPUT);
pinMode(sen, INPUT);
pinMode(ldr,INPUT);
Serial.begin(9600);
lcd.begin(16,2);
}

void loop() {
lcd.clear();
AlarmFromTemperature=false;
AlarmFromHumidity=false;
AlarmFromLight=false;
AlarmFromPresence=false;
ExistAlarm=false;

  byte temperature = 0;
  byte humidity = 0;
  byte data[40]={0};
  dht11.read(DHT,&temperature,&humidity,data);
  int a=analogRead(ldr);
  int b=map(a,0,1023,0,100);
  if(!(temperature>-10&&temperature<=35)){
    AlarmFromTemperature=true;
    ExistAlarm=true;
  }

  if(!(humidity>=25&&humidity<=60)){
    AlarmFromHumidity=true;
    ExistAlarm=true;
  }

  if(!(b>=15&&b<=90)){
    AlarmFromLight=true;
    ExistAlarm=true;
  }
```



```
  }

  if(digitalRead(sen)==HIGH){
    AlarmFromPresence=true;
    ExistAlarm=true;
  }
  if(ExistAlarm){
    lcd.setCursor(0,0);
    lcd.print("ALARM!!");
    lcd.setCursor(0,1);
    if(AlarmFromTemperature){
      lcd.print("T");
    }
    if(AlarmFromHumidity){
      lcd.print("H");
    }
    if(AlarmFromLight){
      lcd.print("L");
    }
    if(AlarmFromPresence){
      lcd.print("P");
    }
    digitalWrite(buz,HIGH);
    digitalWrite(LED1,HIGH);
    digitalWrite(LED2, HIGH);
    delay(1000);
  }
  else
  {
    digitalWrite(buz,LOW);
    digitalWrite(LED1,LOW);
    digitalWrite(LED2, LOW);
    lcd.clear();
    lcd.setCursor(0,0);
    lcd.print("t: ");
    lcd.print(b);
```

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```
      lcd.print("!");
    }
    if(AlarmFromPresence){
      lcd.print("P");
    }
    digitalWrite(buzz,HIGH);
    digitalWrite(LED1,HIGH);
    digitalWrite(LED2, HIGH);
    delay(1000);
  }
  else
  {
    digitalWrite(buzz,LOW);
    digitalWrite(LED1,LOW);
    digitalWrite(LED2, LOW);
    lcd.clear();
    lcd.setCursor(0,0);
    lcd.print("H: ");
    lcd.print(0);
    lcd.print(" % ");
    lcd.print("H: ");
    lcd.print(humidity);
    lcd.print(" % ");
    lcd.setCursor(0,1);
    lcd.print("T: ");
    lcd.print(temperature);
    lcd.print(" °C ");
    lcd.print(" No P");
    delay(1000);
  }
}
```

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