IT23292154 – W M Chamudini – PP Take Home Assignment

Demo link:

Youtube link: https://youtu.be/t6WDKz3CJo4

One drive link: <u>IT23292154 PP Formlang++ Demo.mp4</u>

Example 01

Input:

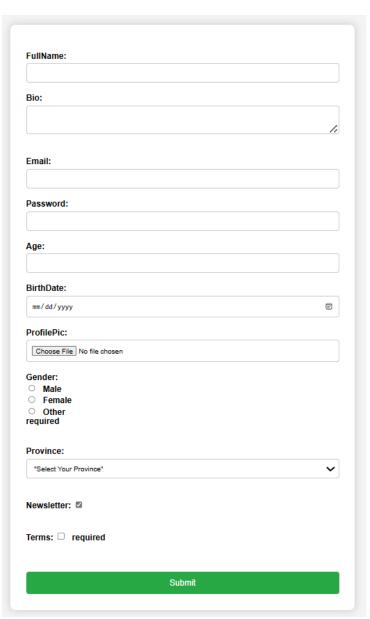
```
form Registration {
meta author = "$25062 Team";

section PersonalDetails {
    field fullName: text required = true pattern = "^[A-Z][a-Z]+$";
    field Bio: textarea;
    field Bio: textarea;
    field Bio: textarea;
    field Bio: textarea;
    field Bios textarea;
    field Bios textarea;
    field Bios textarea;
    field Bios textarea;
    field Massaworf: passwoorf required = true patterns "^(?e.*[a-Z])(?e.*[A-Z])(?e.*[\mm]).{6,}$";
    field Age: number required = true min = "19a6-10-10" maxe = "2007-12-31";
    field ProfilePic: file accept = "image/" required = true;
    field ProfilePic: file accept = "image/" required = true;
    field Gender: radio options = ["Male", "Female", "Other"] required = true;
    field Province: dropdown options = ["select Your Province", "Western Province", "Uwa Province", "Nothern Province", "Eastern Province", "Central Province"];
    field Newsletter: checkbox default=true;
}

validate {
    if Age < 18 {
        error "You must be at least 18.";
}

if FullName == "" {
        error "Full name cannot be empty.";
}
}
```

Output:



Example 02

Input:

```
form Jobapplicantinfo {
    meta author = "SEABEZ Team";

section Applicantinfo {
    field FirstName: text required = true pattern = "^[A-Z][a-Z]+$";
    field LastName: text required = true pattern = "^[A-Z][a-Z]+$";
    field LastName: text required = true pattern = "^[A-Z][a-Z]+$";
    field DateOffirth: date required = true min = "1960-01-01" max = "2007-01-01";
    field Ape: number required = true min = "1960-01-01" max = "2007-01-01";
    field Ape: number required = true min = "1960-01-01" max = "2007-01-01";
    field Resume: file accept = ".pdf" required = true;
    field Resume: file accept = ".pdf" required = true;
    field Position: dropdom ortions = ["Software Engineer", "QA Engineer", "Product Manager", "Designer"] required = true;
    field Position: dropdom ortions = ["Colembo", "Kandy", "Galle", "Remote"];
    field willingToNellocate: checkbook default = false;
}

section AdditionalInfo {
    field Bio: textarea rows = S cols = 50;
        field Bio: textarea rows = S cols = 50;
        field Bio: textarea rows = S cols = 50;
        field ApretoTerms: checkbook required = true;
}

section Consent {
    field AgreeToTerms: checkbook required = true;
}

validate {
    if agg < 18 {
        error "Applicants must be 18 or older.";
    }

if LastName == "" {
    error "First name is required.";
}

if Resume == "" {
    error "Resume must be uploaded.";
}
}
</pre>
```

Output:

