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{
  "$schema": "https://json-schema.org/draft/2020-12/schema",
  "$vocabulary": {
    "https://json-schema.org/draft/2020-12/vocab/core": true,
    "https://json-schema.org/draft/2020-12/vocab/applicator": true,
    "https://json-schema.org/draft/2020-12/vocab/unevaluated": true,
    "https://json-schema.org/draft/2020-12/vocab/validation": true,
    "https://json-schema.org/draft/2020-12/vocab/meta-data": true,
    "https://json-schema.org/draft/2020-12/vocab/format-annotation": true,
    "https://json-schema.org/draft/2020-12/vocab/content": true
  },
  "$id": "http://ns.medbiq.org/activity-report",
  "title": "ActivityReport",
  "description": "JSON Schema for MedBiq Activity Report. Copyright 2024
MedBiquitous Consortium. All Rights Reserved. http://www.medbiq.org. Users are
bound by the terms of the MedBiquitous Consortium JSON Public License and Terms of
Use.",
  "type": "object",
  "$defs": {
    "NonNullStringType": {
      "$ref":
"http://medbiq.pixelbytellc.com/common.schema.json#/$defs/NonNullStringType",
      "description": "A string that must have at least one character, based
on the NonNullString common JSON schema."
    },
    "UniqueIDType": {
      "$ref":
"http://medbiq.pixelbytellc.com/professional-profile/member.schema.json#/$defs/Uniq
ueIDType"
    },
    "ClassificationRelationType": {
      "type": "string",
      "enum": ["Assessment Addresses", "Instruction Addresses"]
    },
    "DEARegistrationType": {
      "type": "string",
      "enum": ["Individual", "Institutional", "None"]
    },
    "IDDomainType": {
      "type": "string",
      "format": "uri",
      "pattern": "^idd:\\S*:\\S*$"
    },
    "PracticeAreaType": {
      "type": "string",
      "enum": [
        "Addiction",
        "Anesthesiology",
        "Critical Care",
        "Dentistry",

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    "Emergency",
    "Family Medicine",
    "Geriatric",
    "Hematology",
    "Hospice and/or Palliative Care",
    "Internal Medicine",
    "Neurology",
    "Obstetrics/Gynecology",
    "Oncology",
    "Ophthalmology",
    "Pain",
    "Pediatric",
    "Physical Medicine and Rehabilitation",
    "Psychiatry",
    "General Surgery",
    "Orthopedic surgery",
    "Other surgical specialty",
    "Urology",
    "Other",
    "N/A"
  ]
},
"REMSProfessionType": {
  "type": "string",
  "enum": [
    "Physician",
    "Advanced practice nurse",
    "Physician Assistant",
    "Dentist",
    "Podiatrist",
    "Nurse",
    "Pharmacist",
    "Optometrist",
    "Psychologist",
    "Veterinarian",
    "Other healthcare professional",
    "Other"
  ]
},
"StatusType": {
  "type": "string",
  "enum": ["Registered", "Completed", "Expired"]
},
"TimeInPracticeType": {
  "type": "string",
  "enum": [
    "Trainee",
    "0-5 years post training",
    "6-10 years",
    "11-15 years",
  ]
}

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        "16-20 years",
        "21+ years"
    ]
},
"ModuleNameType": {
    "type": "object",
    "properties": {
        "_moduleID": {
            "type": "string"
        },
        "_moduleName": {
            "type": "string"
        }
    }
},
"required": ["_moduleID"]
},
"ModuleType": {
    "type": "object",
    "properties": {
        "_ModuleName": {
            "$ref": "#/$defs/ModuleNameType"
        },
        "_Metadata": {
            "$ref": "#/$defs/MetadataType"
        },
        "_Status": {
            "$ref": "#/$defs/StatusType"
        },
        "_StartDateTime": {
            "type": "string",
            "format": "date-time"
        },
        "_EndDateTime": {
            "type": "string",
            "format": "date-time"
        },
        "_DueDateTime": {
            "type": "string",
            "format": "date-time"
        },
        "_RegisteredDateTime": {
            "type": "string",
            "format": "date-time"
        },
        "_CompletedDateTime": {
            "type": "string",
            "format": "date-time"
        },
        "_ExpiredDateTime": {
            "type": "string",

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        "format": "date-time"
    },
    "_TimeEngaged": {
        "type": "string",
        "format": "duration",
        "pattern":
"^(?!$)((\\d+Y)?(\\d+M)?(\\d+W)?(\\d+D)?)(T(\\d+H)?(\\d+M)?(\\d+S)?)?$",
        "examples": [
            {
                "example": "P1Y2M10DT2H30M",
                "description": "1 year, 2 months, 10 days, 2 hours, and
30 minutes"
            },
            {
                "example": "P3Y6M4DT12H30M5S",
                "description": "3 years, 6 months, 4 days, 12 hours, 30
minutes, and 5 seconds"
            },
            {
                "example": "PT1H30M",
                "description": "1 hour and 30 minutes"
            }
        ],
        "description": "Duration format following ISO 8601."
    },
    "_Results": {
        "$ref": "#/$defs/NonNullStringType"
    },
    "_CreditCertificate": {
        "type": "array",
        "items": {
            "$ref": "#/$defs/CreditCertificateType"
        }
    },
    "_other": {
        "type": "array",
        "items": {
            "type": "object"
        }
    },
    "additionalProperties": true
}
},
"required": ["_ModuleName"]
},
"ResourceUsedType": {
    "type": "object",
    "properties": {
        "_Title": {
            "$ref": "#/$defs/NonNullStringType"
        }
    }
},

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    "_Collection": {
      "$ref": "#/$defs/NonNullStringType"
    },
    "_CollectionID": {
      "$ref": "#/$defs/CollectionIDType"
    },
    "_ResourceLocation": {
      "type": "string",
      "format": "uri"
    },
    "_Relevant": {
      "type": "boolean"
    }
  },
  "required": ["_Title"]
},
"CollectionIDType": {
  "type": "object",
  "properties": {
    "_type": {
      "type": "string"
    }
  }
},
"required": ["_type"]
},
"PointOfCareLearningDataType": {
  "type": "object",
  "properties": {
    "_ClinicalQuestionOrTopic": {
      "$ref": "#/$defs/NonNullStringType"
    },
    "_SearchParameters": {
      "type": "array",
      "items": {
        "$ref": "#/$defs/NonNullStringType"
      }
    },
    "_ResourceUsed": {
      "type": "array",
      "items": {
        "$ref": "#/$defs/ResourceUsedType"
      }
    },
    "_ApplicationToPractice": {
      "$ref": "#/$defs/NonNullStringType"
    },
    "_id": {
      "type": "string"
    }
  }
},

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    "required": [
      "_ClinicalQuestionOrTopic",
      "_ApplicationToPractice",
      "_ResourceUsed",
      "_id"
    ]
  },
  "ActivityType": {
    "type": "object",
    "properties": {
      "_ProviderOrganization": {
        "$ref": "#/$defs/NonNullStringType"
      },
      "_ActivityName": {
        "$ref": "#/$defs/NonNullStringType"
      },
      "_ActivityInstanceID": {
        "$ref": "#/$defs/UniqueIDType"
      },
      "_Status": {
        "$ref": "#/$defs/StatusType"
      },
      "_LaunchDetails": {
        "$ref": "#/$defs/LaunchDetailsType"
      },
      "_CommercialSupporter": {
        "$ref": "#/$defs/NonNullStringType"
      },
      "_RegulatoryInformation": {
        "$ref": "#/$defs/RegulatoryInformationType"
      },
      "_Module": {
        "type": "object",
        "$ref": "#/$defs/ModuleType"
      },
      "_PointOfCareLearningData": {
        "$ref": "#/$defs/PointOfCareLearningDataType"
      },
      "_Results": {
        "$ref": "#/$defs/NonNullStringType"
      },
      "_other": {
        "type": "array",
        "items": {
          "type": "object"
        },
        "additionalProperties": true
      },
      "_activityID": {
        "type": "string"
      }
    }
  }
}

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    },
    "required": ["_ProviderOrganization", "_ActivityName", "_Module"]
  },
  "ActivityReportType": {
    "type": "object",
    "properties": {
      "_ReportingOrganization": {
        "$ref": "#/$defs/NonNullStringType"
      },
      "_users": {
        "type": "array",
        "maxItems": 2,
        "items": {
          "type": "object",
          "oneOf": [
            {
              "Member": {
                "$ref": "http://medbiq.pixelbytellc.com/professional-profile/member.schema.json#/$defs/MemberType"
              }
            },
            {
              "Participants": {
                "$ref": "#/$defs/ParticipantsType"
              }
            }
          ]
        }
      }
    }
  },
  "_Activity": {
    "type": "object",
    "$ref": "#/$defs/ActivityType"
  },
  "_XtensibleInfo": {
    "type": "object",
    "$ref": "#/$defs/XtensibleInfoType"
  },
  "_other": {
    "type": "array",
    "items": {
      "type": "object"
    },
    "additionalProperties": true
  },
  "_arid": {
    "type": "string",
    "format": "URI"
  }
}

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    },
    "required": ["_ReportingOrganization", "_Activity"]
  },
  "CreditCertificateType": {
    "type": "object",
    "properties": {
      "_CreditReceived": {
        "$ref": "#/$defs/CreditReceivedType"
      },
      "_CreditID": {
        "type": "string",
        "format": "uri"
      }
    }
  },
  "required": ["_CreditReceived", "_CreditID"]
},
"MetadataType": {
  "oneOf": [
    {
      "lom": {
        "$ref":
"http://medbiq.pixelbytellc.com/healthcare-learning-object-metadata/healthcarelom.s
chema.json#/$defs/lom"
      }
    },
    {
      "location": {
        "$ref": "#/$defs/NonNullStringType"
      }
    }
  ]
},
"XtensibleInfoType": {
  "type": "object",
  "properties": {
    "_other": {
      "type": "array",
      "items": {
        "type": "object"
      }
    }
  }
},
"required": ["_other"]
},
"CreditReceivedType": {
  "type": "object",
  "properties": {
    "_credits": {
      "$ref":

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"http://medbiq.pixelbytelc.com/healthcare-learning-object-metadata/healthcare/healthcaremetadata.schema.json#/\$defs/creditsType"

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    },
    "_CreditFocus": {
      "type": "array",
      "items": {
        "$ref": "#/$defs/CreditFocusType"
      },
      "minItems": 0
    }
  },
  "additionalProperties": false
},
"CreditFocusType": {
  "type": "object",
  "properties": {
    "_Description": {
      "$ref": "#/$defs/NonNullStringType"
    },
    "_Code": {
      "type": "string"
    },
    "_NumberOfCredits": {
      "type": "number"
    }
  },
  "required": ["_Description", "_NumberOfCredits"]
},
"LaunchDetailsType": {
  "type": "object",
  "properties": {
    "_LaunchAction": {
      "$ref": "#/$defs/NonNullStringType"
    },
    "_ActivityLocation": {
      "type": "string",
      "format": "uri"
    },
    "_ReturnLocation": {
      "type": "string",
      "format": "uri"
    }
  },
  "required": ["_LaunchAction", "_ActivityLocation"]
},
"DomainID": {
  "type": "object",
  "properties": {
    "_domain": {
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        "$ref": "#/$defs/IDDomainType"
    },
    "required": ["_domain"]
},
"ParticipantType": {
    "type": "object",
    "properties": {
        "_LocalIdentifier": {
            "$ref": "#/$defs/UniqueIDType"
        },
        "_StateOfPrimaryPractice": {
            "$ref": "#/$defs/NonNullStringType"
        },
        "_DEARegistration": {
            "$ref": "#/$defs/DEARegistrationType"
        },
        "_Profession": {
            "$ref": "#/$defs/REMSProfessionType"
        },
        "_PracticeArea": {
            "$ref": "#/$defs/PracticeAreaType"
        },
        "_SurgicalProcedures": {
            "type": "boolean"
        },
        "_TimeInPractice": {
            "$ref": "#/$defs/TimeInPracticeType"
        }
    },
    "required": ["_LocalIdentifier", "_Profession"]
},
"RegulatoryInformationType": {
    "type": "object",
    "properties": {
        "_CompliantToRegulation": {
            "type": "array",
            "items": {
                "$ref": "#/$defs/URIReferenceType"
            }
        },
        "_RelatedToRegulation": {
            "type": "array",
            "items": {
                "$ref": "#/$defs/URIReferenceType"
            }
        },
        "_RegulatoryClassification": {
            "type": "array",
            "items": {

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        "$ref": "#/$defs/RegulatoryClassificationType"
    }
}
},
"URIReferenceType": {
    "type": "object",
    "properties": {
        "_URI": {
            "type": "string",
            "format": "uri"
        },
        "_label": {
            "type": "string"
        }
    },
    "required": ["_URI", "_label"]
},
"RegulatoryClassificationType": {
    "type": "object",
    "properties": {
        "_ClassificationRelation": {
            "$ref": "#/$defs/ClassificationRelationType"
        },
        "_Regulation": {
            "$ref": "#/$defs/URIReferenceType"
        },
        "_ComponentID": {
            "$ref": "#/$defs/NonNullStringType"
        },
        "_ComponentTitle": {
            "$ref": "#/$defs/NonNullStringType"
        }
    },
    "required": [
        "_ClassificationRelation",
        "_Regulation",
        "_ComponentID",
        "_ComponentTitle"
    ]
},
"ParticipantsType": {
    "type": "array",
    "items": {
        "$ref": "#/$defs/ParticipantsType"
    }
}
},
"properties": {
    "ActivityReports": {

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```
"type": "array",
"item": {
  "properties": {
    "DateTimeCreated": {
      "type": "string",
      "format": "date-time"
    },
    "ReportingStartDate": {
      "type": "string",
      "format": "date-time"
    },
    "ReportingEndDate": {
      "type": "string",
      "format": "date-time"
    },
    "ActivityReport": {
      "type": "object",
      "$ref": "#/$defs/ActivityReportType"
    },
    "other": {
      "type": "array",
      "items": {
        "type": "object"
      },
      "additionalProperties": true
    }
  }
},
"required": ["DateTimeCreated", "ActivityReport"]
}
}
```