ROBIN WALKER ENTERPRISES

RODEO LOGIC
EVENT MANAGEMENT SYSTEM

for IGRA - Proposal # 001-Rev02
October 27, 2022

by Robin Walker Enterprises

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EXECUTIVE SUMMARY

The IGRA wishes to migrate off the system it's currently using to one which more seamlessly and effectively services the needs of rodeo participants, staff and IGRA officials. The new solution will take a fresh approach to implementation focusing on the specific user-interface, logic flow behaviors and data fields required by the IGRA. Past source-code resources from an older system pre-dating the current one have been made available for reference and review to aid in this process. The new system will incorporate both desktop and mobile versions. The requirements of behaviors, screens and outlines in this document are expected to change based on feedback from IGRA stakeholders until a final draft is complete.

ABOUT ROBIN WALKER ENTERPRISES

The Team at RWE has a long and successful history of engaging small to mid-sized companies in providing compelling digital solutions. Emphasis is placed on direct customer engagement, thorough understanding of the organization's needs, careful requirements gathering to architect the ideal solution, execution, delivery and long-term support. Past projects have included web-based inventory management systems, point-of-sale event management systems for conventions and shows, staff scheduling systems for healthcare related facilities and several full-stack eCommerce implementations for companies such as Spiegel, The Sharper Image, Brookstone, SkyMall, Big Dog Sportswear and most recently the Scrip Companies portfolio of websites including AllegroMedical.com and MassageWarehouse.com. Our extensive experience with scheduling systems and event management systems gives us an excellent foundation from which to implement the right rodeo event management system for the IGRA.

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HIGH LEVEL OUTLINE

Events

- Rough Stock
  - Bull Riding
  - Bareback/Bronc
  - Steer Riding
  - Chute Dogging
- Roping
  - Calf Roping on Foot
  - Break-Away Roping
  - Team Roping
- Speed
  - Barrel Racing
  - Pole Bending
  - Flag Race
- Camp
  - Steer Decorating
  - Wild Drag Race
  - Goat Dressing

Login Account Roles

- Rodeo Director
- Arena Director
- Chute Coordinator
- Announcer
- Scorekeeper
- Judge
- Auditor
- Secretary
- Cashier
- Contestant
- General Admin

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Pre-Rodeo

» Create rodeo, specify running order of events
» Online registration opens 4 weeks prior; closes 2 weeks prior,
    • Account creation
    • Account management
    • Payment processing
    • Printing of competition number on competitor's own printer
» Onsite registration as contestants show up in person (tablet/laptop)
» Pre-registrants arrive and pay balance (if applicable), receive paperwork in single transaction from clerk/cashier via tablet/mobile printer
» All pre-event online registrations and day-of onsite registrations will be consolidated real-time by design (into the same DB)
» Click on no-shows to exclude them, confirm final official list of contestants
» Click function submit button to finalize list of contestants
» Rodeo Audit Report now available
» Generate Event Control Sheets, running orders in the system, print out copies on paper to be posted next to the arena

During Rodeo

» Tablet-accessed digital scoring forms for judges and for the scorekeeper (which are ECS's plus columns for times/scores/penalties);
    • Scorekeeper's scoring form
    • Judge's scoring form for timed events
    • Judge's scoring form for rough stock events
» **Auditor & secretaries will have not have to manually enter, cross-check or audit ANY event scoring data at all. The system will be capturing, persisting and tallying all data real-time, rendering the vast majority of office work done currently to be unnecessary. This is one of the primary advantages of a new system.**
» All aspects of the system will be consolidated into a single web application and database, which will also render well on mobile devices including smartphones and tablets. RWE will work with IGRA staff to ensure good-looking output of all interfaces, reports and print-outs, eliminating any need to utilize 3rd party apps such as Microsoft Word in a supplementary fashion.
» Event Draws will be generated randomly by the system, and contestant ordering will be automatically reversed between the 2nd go-round and the 1st go-round.

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During Rodeo *(continued)*

- » Ensure scorekeeper/judges have a confirmation page for each event to visually confirm their entries to reduce human error
- » Auditor and/or Secretary will click online "Process Event" function submit button and "Run Event" function submit button (these may be combined as there may be no functional reason to distinguish them in the new system);
- » The system will auto-generate all results/payouts based on scorekeeper/judging data that was captured and processed. All results will be calculated by the system (Contestant, Placement, Time, Points, Payoff, World). *(To reiterate: no manual entry of any scoring/judging/disqualification or other real-time competition data; no dual entry of data or cross-checking; elimination of most incremental data entry/tabulation steps as system captures everything electronically and tabulates results when event is over.)*
- » Click "Finalize Event" to prevent any further editing/modifications
- » Payouts, All-Around Results, Prize Money, World Champion Awards and Check Management functions will all be designed and implemented in the system according to "Rule XIV - Rodeo Awards" on pages 88-94 of the "2020 Rodeo Rules" manual.
- » In addition to digital copy made available online at end of event, results will be printed out and posted (including multiple copies e.g., "NCR's") - official copies theoretically go to association (archives/crate - but with new system may just be accessed online), announcer (may digital copy), auditor, and post online for contestants to see
- » Ribbon labels for the day printed, to be adhered to physical ribbon awards

Reports

- » Print Roll Call by IGRA Number
- » Print Roll Call by Rodeo Number
- » Print Roll Call by Rodeo Name
- » Print Roll Call by Male/Female
- » Print Roll Call by Association Legal Last
- » Rodeo Audit Report
- » Contestant Statement of Earnings

Post-Rodeo

- » Calculate "All Arounds" (for weekend, not for single day)
- » Print Statements
- » Print Checks
- » Calculate all the Buckles
- » Click "Finalize End of Awards Ceremony"
- » Post Buckle winners and top 5 men and top 5 women will be calculated for conveyance to appropriate party to place on publicly viewable website (integration point for automation possible here)

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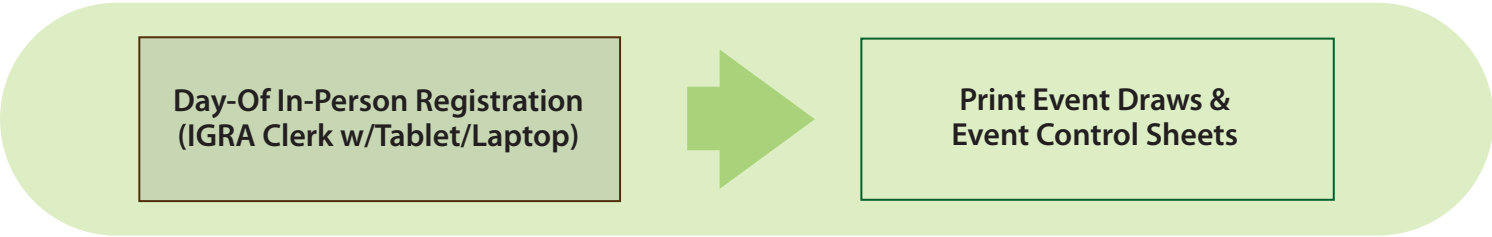
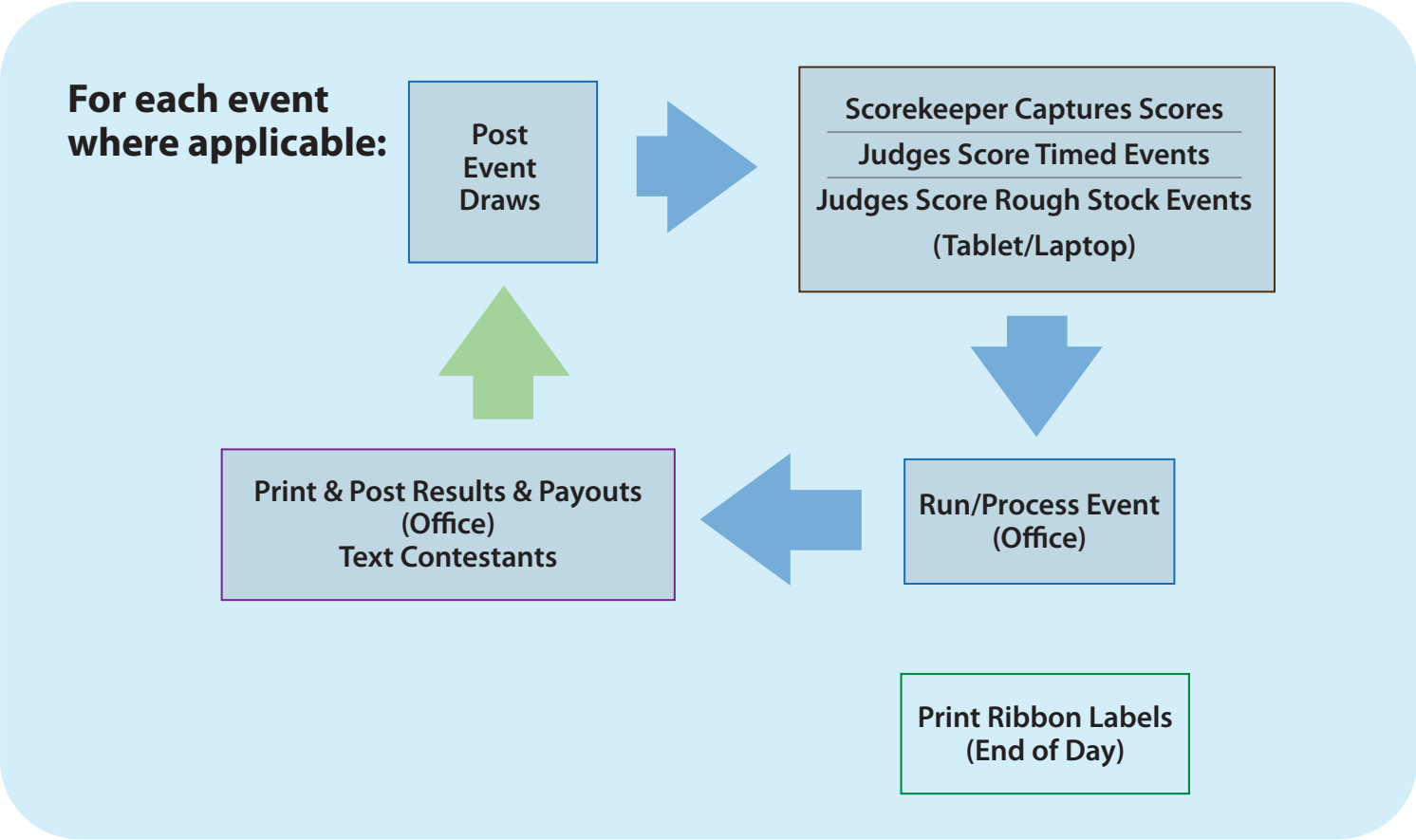
Pre-Rodeo

Registration Day



1st Go-Round



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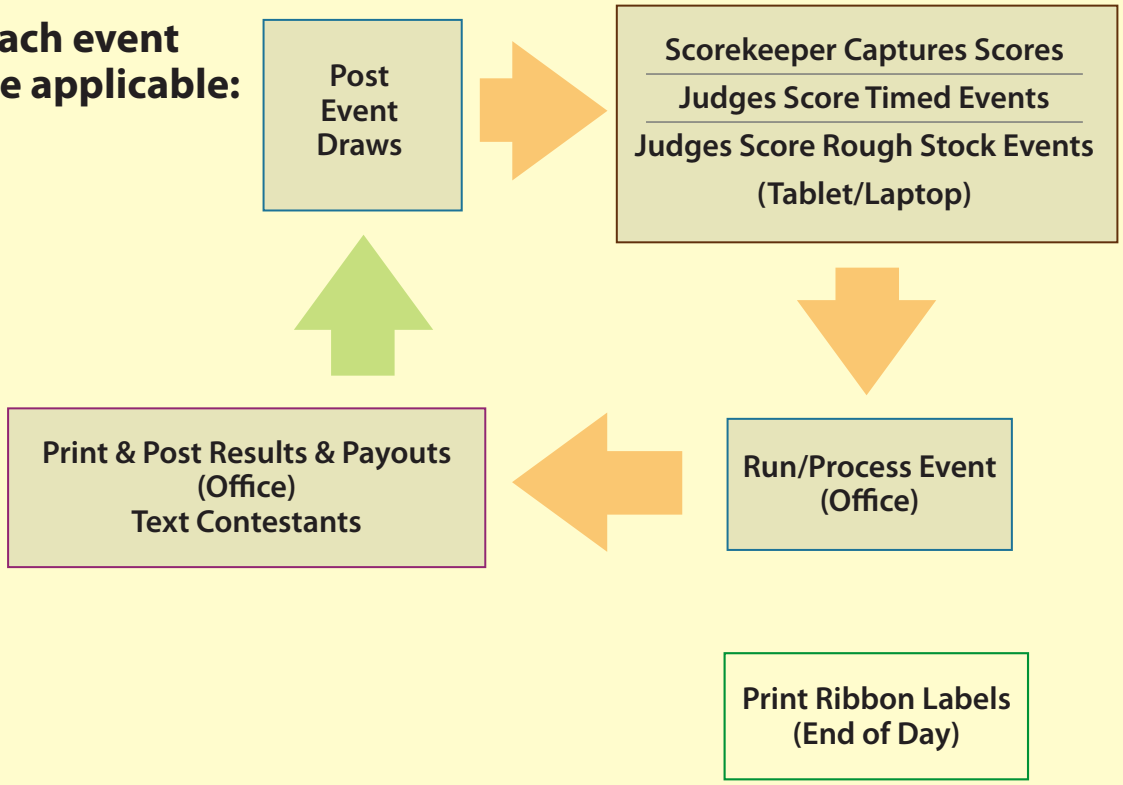
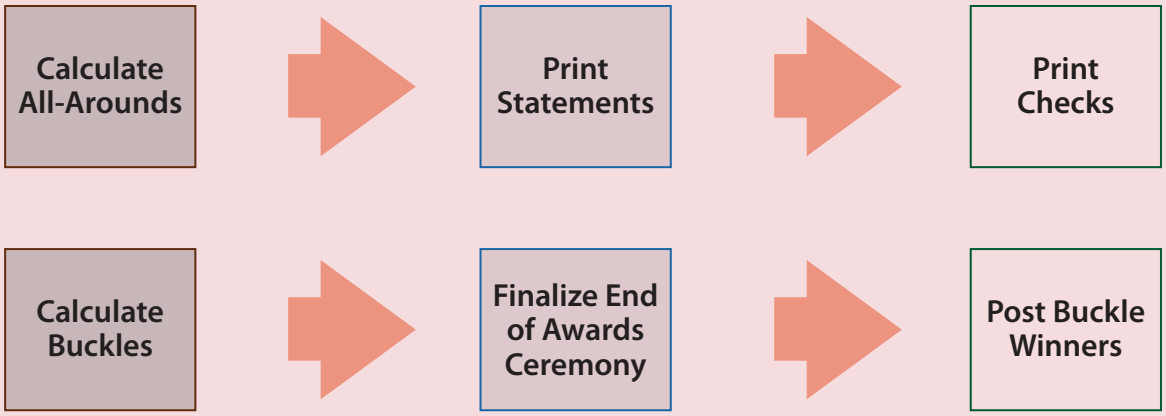
2nd Go-Round

For each event where applicable:



Print Ribbon Labels (End of Day)

End of Rodeo



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SCREEN INTERFACE UI SUMMARY

Some Intended for Printing/Posting

- » Create New Rodeo (Admin function)
- » Online Pre-Registration (visible on public Internet)
- » In-Person Day-Of Registration (staff-only; tablet/laptop) & Contestant Check-In (may include receipt printing)
- » Contestant Check-In, Payment Processing
- » Event Contestant Draws for up to 13 events (also intended for printing & physical posting)
- » Roll Calls for Printing By:
    - IGRA Number
    - Rodeo Number
    - Rodeo Name
    - Male/Female
    - Association Legal Last Name
- » Scorekeeper's Form ("Sheet") for each event (tablet/laptop) - for Official Scorekeeper to record/input times, scores
- » Event Control Form ("Sheet") for Judges
    - Penalties
    - Time/Score

[Function: Conclude Event & Generate Results]

- » Event Results Page/Sheet for up to 13 events - By Day (2) and By Weekend (1)
    - Sample Event: Calf Roping on Foot Results For Men, 1st Go-Around
        - ◦ Fields:
            - ▷ Place
            - ▷ Time
            - ▷ Points
            - ▷ Payoff
            - ▷ World
            - ▷ Contestant
            - ▷ Association

*Event Totals:

- ▷ Points
- ▷ Payoff
- ▷ World

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» All-Around Page - Qualified - Cowboy/Cowgirl
    - Fields:
        - Place
        - IGRA Number
        - Rodeo Number
        - Local Association
        - Division
        - Contestant Name
        - City
        - State
        - Total
            * All-Around Total
» All-Around Results - Cowboy/Cowgirl - 1st Go-Round; 2nd Go-Round; Weekend/Rodeo
» Rodeo Team Points Page
    - Fields:
        - IGRA Number
        - Rodeo Number
        - Local Association
        - Division
        - Contestant Name
        - City
        - State
        - Total
            * Sub-Totals of various groupings (clarification needed)
            * Total Rodeo Points
» Earnings, Payoffs & Checks
    - Contestant money will be calculated automatically based on captured and processed scores, times, penalties and placings
    - Printable Reports/Functions:
    - 1-Page Rodeo Report
    - Daily Event Report
    - Daily Contestant Report
    - Test Checks
    - Earnings Summary
    - Earnings Statements
    - All Rodeo Checks
» Manage Extra Payoffs (Add, Change, Delete, View, Print, Etc.)

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» Statement of Earnings Report:
    - IGRA Number
    - Masked SSN showing Last 4
    - Contestant Name
    - Saturday Earnings
    - Sunday Earnings
    - Extra Earnings
    - Total Earnings
    - Subtotals for all of above Additional at bottom:
    - IGRA Finals Contestant
    - IGRA Finals Rodeo Fund
    - IGRA Operating Account
    - IGRA Contestant Hats
    - IGRA Unawarded Purse
    - IGRA Online Structure
    - Grand Totals for the Above
» Individual Contestant Statement of Earnings
    - IGRA Number
    - Contestant Name
    - Address
    - Rodeo Date
    - Rodeo Location
    - Event Listing grouped by event type with earnings by day and total rodeo
    - Subtotals
    - Rodeo totals

[Function: Generate Ribbon Labels]

Sample Format:

30th Annual Zia Regional
August 27th - 28th, 2022 Santa Fa, NM
All Around 1st Place
Jane Doe
Points: 435

» Ribbon Labels for Printing

» All-Around Point Accumulation Sheet

Full matrix of all contestants and all events by day
Column summary:

- IGRA Number
- Rodeo Number
- Contestant Name

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- Local Rodeo Association
- All 13 events listed for 1st Go-Around
- 1st Go-Around Total
- All 13 events listed for 2nd Go-Around
- 2nd Go-Around Totals
- Grand Total

Event Listing Screens/Printouts

» Example Event #1: Steer Riding for Men Draw
- Header
  - Date
  - Time
  - "IGRA Rodeo System"
  - Regional Rodeo Name
  - "Steer Riding for [Male/Female] for [1st/2nd] GO-ROUND"
- Fields
  - IGRA Number
  - Rodeo Number
  - Contestant First Name
  - Contestant Last Name
  - Contestant City, State
  - Contestant Regional Rodeo Association (Initials)

» Example Event #2: Team Roping
- Header
  - Date
  - Time
  - " IGRA Rodeo System"
  - Regional Rodeo Name
- Fields
  - IGRA Number
  - Rodeo Number
  - [HEAD/HEEL]
  - Contestant First Name
  - Contestant Last Name
  - Contestant City/State
  - Contestant Regional Rodeo Association (Initials)
- Notes: Two-member teams print out in pairs, one participant being "HEAD" while other participant being "HEEL"

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» Example Event #3: Goat Dressing
    - Header
        - Date
        - Time
        - " IGRA Rodeo System"
        - Regional Rodeo Name
    - Fields
        - IGRA Number
        - Rodeo Number
        - Contestant First Name
        - Contestant Last Name
        - Contestant City/State
        - Contestant Regional Rodeo Association (Initials)

» Example Event #4: Calf Roping
    - Header
        - Date
        - Time
        - "IGRA Rodeo System"
        - Regional Rodeo Name
    - Line Item Fields
        - Events Section
            - Event Name (e.g., "Bull Riding" or "Bareback/Bronc")
            - Men's Saturday
            - Men's Sunday
            - Women's Saturday
            - Women's Sunday
        - Payoffs Section
            - Men's Saturday
            - Men's Sunday
            - Women's Saturday
            - Women's Sunday
    - Totals
            - Men's Saturday
            - Men's Sunday
            - Women's Saturday
            - Women's Sunday

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- Summary Section
    - ▷ Total Number Events Entered
    - ▷ Total Number of Contestants
    - ▷ Average Events per Contestant
    - ▷ Total Amount of Payback
    - ▷ Host Association (No Check)
    - ▷ Contestant Fund
    - ▷ Finals Arena Fund
    - ▷ General Account
    - ▷ Finals Hat Fund
    - ▷ Unawarded Purse
    - ▷ Online Structure
    - ▷ All-Arounds/Added Money
    - ▷ Total Amount of Rodeo

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TIME AND RESOURCE ESTIMATES

ROBIN WALKER ENTERPRISES

Estimated Time to Completion	**4-6 Months**
Estimated Resource Requirements	**$40K - $50K**

Milestones:

Milestone #1: Environment Install, Configuration & Burn-In
Delivery Schedule Estimate:..... Week 3 - 4

Milestone #2: Database Schema Development & Finalization
Delivery Schedule Estimate: .....Week 10 - 14

Milestone #3: Web Application Development & Deployment
Delivery Schedule Estimate: .....Week 19 - 26

Payment Structure:

Project Kickoff:	**30%**	**($15,000)**

Hourly Billing Commences Week 5
Rate $75/hour
Estimated Volume..... Approx. 30hr/week
Invoice Sent Bi-Weekly