

# INFORMATION SYSTEMS

8/4/15

## BLOGGING PLATFORM.

### ADVANTAGES

- Easy to use
- Manage website from any computer
- Full control of site
- Design 100% customizable
- Have multiple users
- Templates and plugin
- Free
- Potential to make money  $\Rightarrow$  20k people do daily
- 17% of all world's web site
- 1900+ plugin
- Insights
- Can buy nicer URL
- Great support back up
- Scheduling posts

### DISADVANTAGES

- Modification require PHP knowledge
- Formatting off
- Need a lot of plugins  $\Rightarrow$  slow
- PHP security
- Different layout on different browser appear
- Frequent software update
- Hosting malware

## BLOG

### Inform Systems in Sports

- Fitness monitored through heart rate of human
- Want to track this heart rate and use it to advance the player.
- Chest strap records heart rate and relays this information to a computer or monitor system
- Been coupled with GPS technology so we can record heart rate, distance covered, acceleration and intensity level.
- Used by most top level athletes and some amateurs
- Help understand training load - don't want to overtrain.
- Each player reacts differently to training, need to tailor training
- Sport becoming a science and precise
- US Soccer team example:
  - Used Polar tech along with age, height etc to tailor individual program
- Real time info transmitted, compared to previous data and benchmark data to continue to personalise
- Calculated exertion, training load and recovery time - individual instructions
- Tailor to improve fitness in last ten min etc - Mignani of goal scored in second half  $\Rightarrow$  Superior fitness
- 70m fitted with sold 2014 68m in 2015
- Windward - motion technology
- Shovel Shave a device of up to 20% between 3 leading windward
- Air accurate, core motion robot
- Hardware here, software needs improvement
- 0.25m 540 rev 552 or 538 etc.
- Future  $\Rightarrow$  with human technology in smart watches

## INFORMATION SYSTEMS

27/08/15

Blow.

Intelligence Information Systems in Sport  $\Rightarrow$  how technology impacts on sport

### Impact on basketball sports

- How has it developed sports for good or bad?
- Accuracy of decision making - Hawk eye
- A competitive edge  $\Rightarrow$  Swimming Suits
- Safety for players  $\Rightarrow$  measuring impact
- Measuring performance  $\Rightarrow$  Heart Rate, GPs
- Measuring training load/exertion on player

### Driving Force - Why is technology being applied to sport

- Sports is big money industry
- Better viewing for spectators  $\Rightarrow$  golf timing
- Saves lives  $\Rightarrow$  evaluate behaviour
- Increased recreational pleasure
- A second chance  $\Rightarrow$  protection
- Increasing team knowledge - manager has better overview
- Sports becoming a science of performance  $\Rightarrow$  always looking for ways to improve performance to give themselves a competitive edge

### Potential Disadvantage

- Reducing player's own decision making
- Disrupts flow of game  $\Rightarrow$  Spectators not happy
- Unequal advantage to those that can spend big
- Sports moved for unpolished nature - taking the away
- Loss of traditional elements of sport
- Potential high cost